# BSCH Series

The BSCH Series is a type of ceramic chip inductor produced using the multilayer technology. The series provides excellent Q factor and SRF characteristics and is suitable for high frequency applications.

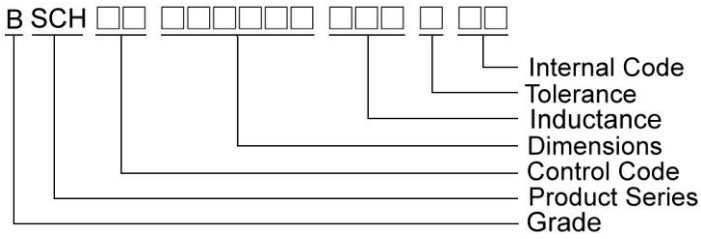
## Features

- RoHS compliant
- Excellent Q factor and SRF characteristics
- Small size of 1005/1608 is suitable for small portable devices
- Supports operating frequency up to 6GHz with nominal inductance values from 1.0nH to 470nH.

## Applications

- RF resonance and impedance matching circuit
- RF and wireless communication
- Information technology equipment, computers, telecommunications, radar detectors, automotive electronics, cellular phones, pagers, PDAs, keyless remote systems
- L-C filter configurations

## Product Identification




- Product series identification:

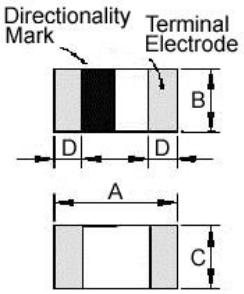
BSCH00060303 Top side half mark.

BSCH00100505 Top side full mark.

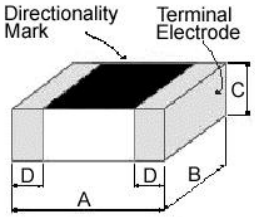
BSCH00160808 Top side full mark.

## Shape and Dimensions

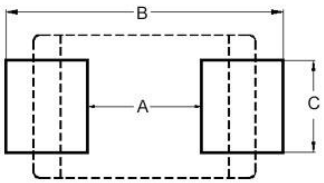
**BSCH00060303**




**BSCH00100505 / 160808**




## Recommended Pattern




Dimensions in mm

| TYPE | A | B | C | D |
|---|---|---|---|---|
| BSCH00060303 | 0.6±0.03 | 0.3±0.03 | 0.3±0.03 | 0.15±0.05 |
| BSCH00100505 | 1.0±0.10 | 0.5±0.10 | 0.5±0.10 | 0.25±0.10 |
| BSCH00160808 | 1.6±0.15 | 0.8±0.15 | 0.8±0.15 | 0.3±0.2 |

Dimensions in mm

| TYPE | A | B | C |
|---|---|---|---|
| BSCH00060303 | 0.3 | 0.75 ~ 1.05 | 0.3 |
| BSCH00100505 | 0.4 | 1.2 ~ 1.4 | 0.5 |
| BSCH00160808 | 0.7 ~ 0.8 | 1.8 ~ 2.0 | 0.6 ~ 0.8 |

## Electrical Characteristics

| Part Number | Inductance (nH) | Tolerance (±%) | Test Frequency (MHz) | Q Min | SRF (MHz) Min | RDC (Ω) Max | Rated Current (mA) Max |
|---|---|---|---|---|---|---|---|
| BSCH000603031N0□00 | 1.0 | ±0.3nH | 100 | 4 | >10000 | 0.11 | 470 |
| BSCH000603031N2□00 | 1.2 | ±0.3nH | 100 | 4 | >10000 | 0.12 | 450 |
| BSCH000603031N5□00 | 1.5 | ±0.3nH | 100 | 4 | >10000 | 0.13 | 430 |
| BSCH000603031N8□00 | 1.8 | ±0.3nH | 100 | 4 | >10000 | 0.16 | 390 |
| BSCH000603032N0□00 | 2.0 | ±0.3nH | 100 | 4 | >10000 | 0.17 | 380 |
| BSCH000603032N2□00 | 2.2 | ±0.3nH | 100 | 4 | 8800 | 0.19 | 360 |
| BSCH000603032N4□00 | 2.4 | ±0.3nH | 100 | 4 | 8300 | 0.20 | 350 |
| BSCH000603032N7□00 | 2.7 | ±0.3nH | 100 | 4 | 7700 | 0.21 | 340 |
| BSCH000603033N0□00 | 3.0 | ±0.3nH | 100 | 4 | 7200 | 0.22 | 330 |
| BSCH000603033N3□00 | 3.3 | ±0.3nH | 100 | 4 | 6700 | 0.23 | 320 |
| BSCH000603033N6□00 | 3.6 | ±0.3nH | 100 | 4 | 6400 | 0.25 | 310 |
| BSCH000603033N9□00 | 3.9 | ±0.3nH | 100 | 4 | 6000 | 0.27 | 300 |
| BSCH000603034N3□00 | 4.3 | ±0.3nH | 100 | 4 | 5700 | 0.30 | 280 |
| BSCH000603034N7□00 | 4.7 | ±0.3nH | 100 | 4 | 5300 | 0.30 | 280 |
| BSCH000603035N1□00 | 5.1 | ±0.3nH | 100 | 4 | 5000 | 0.33 | 270 |
| BSCH000603035N6□00 | 5.6 | ±0.3nH | 100 | 4 | 4600 | 0.36 | 260 |
| BSCH000603036N2□00 | 6.2 | ±0.3nH | 100 | 4 | 4200 | 0.38 | 250 |
| BSCH000603036N8□00 | 6.8 | 5 | 100 | 4 | 3900 | 0.39 | 250 |
| BSCH000603037N5□00 | 7.5 | 5 | 100 | 4 | 3600 | 0.41 | 240 |
| BSCH000603038N2□00 | 8.2 | 5 | 100 | 4 | 3400 | 0.45 | 230 |
| BSCH000603039N1□00 | 9.1 | 5 | 100 | 4 | 3200 | 0.48 | 220 |
| BSCH0006030310N□00 | 10 | 5 | 100 | 4 | 2900 | 0.51 | 220 |
| BSCH0006030312N□00 | 12 | 5 | 100 | 4 | 2700 | 0.68 | 190 |
| BSCH0006030315N□00 | 15 | 5 | 100 | 4 | 2300 | 0.71 | 180 |
| BSCH0006030318N□00 | 18 | 5 | 100 | 4 | 2100 | 0.81 | 170 |
| BSCH0006030322N□00 | 22 | 5 | 100 | 4 | 1800 | 1.00 | 150 |
| BSCH0006030327N□00 | 27 | 5 | 100 | 4 | 1800 | 1.35 | 120 |
| BSCH0006030333N□00 | 33 | 5 | 100 | 4 | 1700 | 1.47 | 110 |
| BSCH0006030339N□00 | 39 | 5 | 100 | 4 | 1500 | 1.72 | 100 |
| BSCH0006030347N□00 | 47 | 5 | 100 | 4 | 1300 | 1.90 | 100 |
| BSCH0006030356N□00 | 56 | 5 | 100 | 4 | 1100 | 2.27 | 80 |
| BSCH0006030368N□00 | 68 | 5 | 100 | 4 | 1100 | 2.66 | 80 |
| BSCH0006030382N□00 | 82 | 5 | 100 | 4 | 1000 | 3.37 | 70 |

**Note: When ordering, please specify tolerance code. Tolerance : S=±0.3nH , J=±5%**

- Operating temperature range - 55℃~125℃(Including self - temperature rise)
- Rate Current :Applied the current to coils, the temperature rise shall not be more than 30℃
- Residual impedance of short chip : 0.19nH
- Measure Equipment :
  L & Q：Agilent E4991A+Agilent 16197A
  SRF：Agilent E4991A or HP19196C
  RDC：HP4338B or CHEN HWA 502

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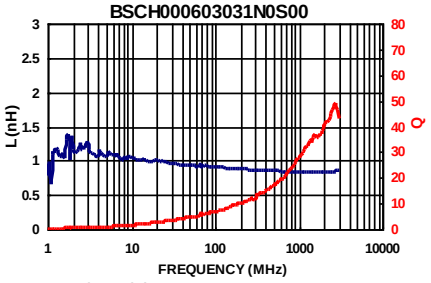
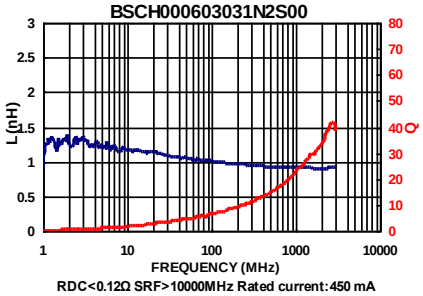
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH000603031N0S00



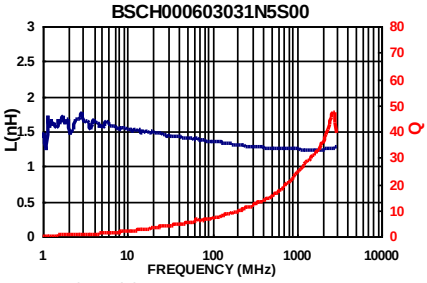

RDC<0.11Ω SRF>10000MHz Rated current:470 mA

BSCH000603031N2S00



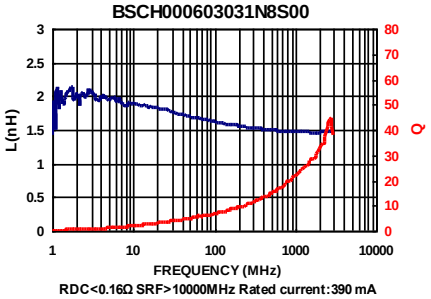

RDC<0.12Ω SRF>10000MHz Rated current:450 mA

BSCH000603031N5S00



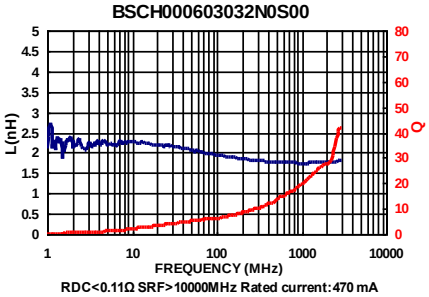

RDC<0.13Ω SRF>10000MHz Rated current:430 mA

BSCH000603031N8S00



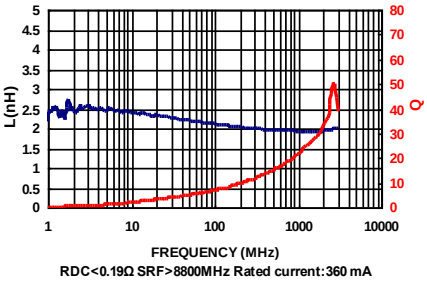

RDC<0.16Ω SRF>10000MHz Rated current:390 mA

BSCH000603032N0S00



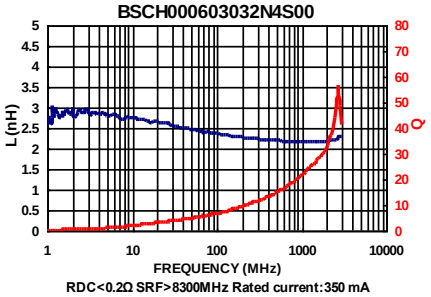

RDC<0.11Ω SRF>10000MHz Rated current:470 mA

BSCH000603032N2S00



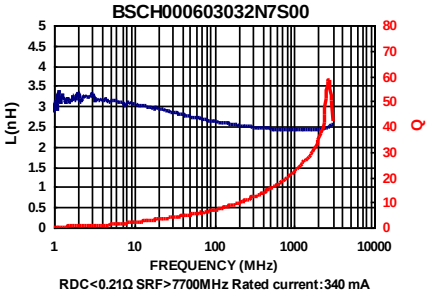

RDC<0.19Ω SRF>8800MHz Rated current:360 mA

BSCH000603032N4S00



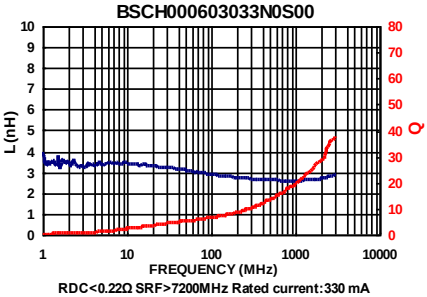

RDC<0.2Ω SRF>8300MHz Rated current:350 mA

BSCH000603032N7S00



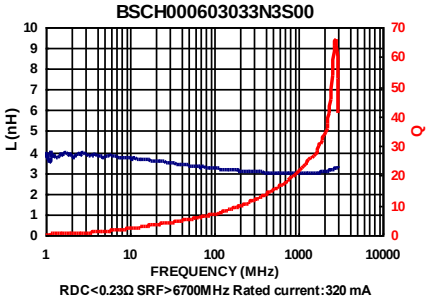

RDC<0.21Ω SRF>7700MHz Rated current:340 mA

BSCH000603033N0S00



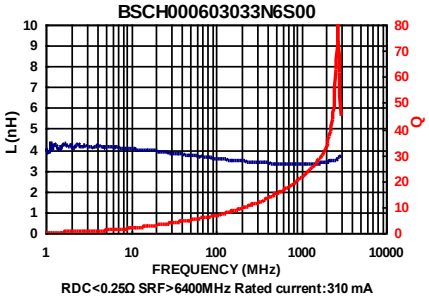

RDC<0.22Ω SRF>7200MHz Rated current:330 mA

BSCH000603033N3S00



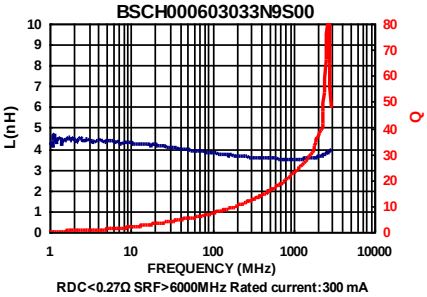

RDC<0.23Ω SRF>6700MHz Rated current:320 mA

BSCH000603033N6S00



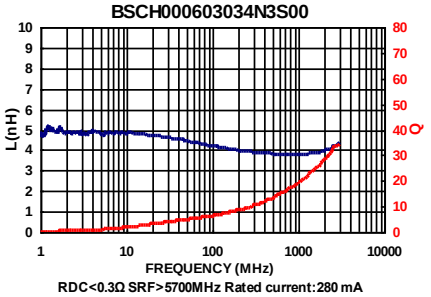

RDC<0.25Ω SRF>6400MHz Rated current:310 mA

BSCH000603033N9S00



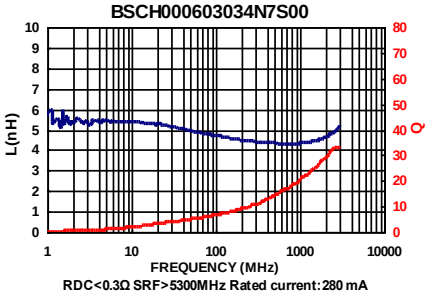

RDC<0.27Ω SRF>6000MHz Rated current:300 mA

BSCH000603034N3S00



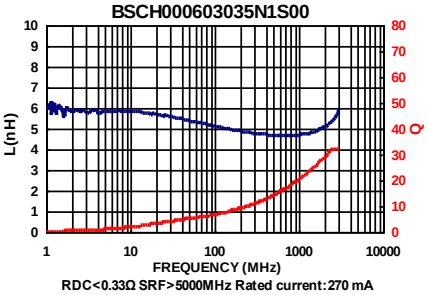

RDC<0.3Ω SRF>5700MHz Rated current:280 mA

BSCH000603034N7S00




RDC<0.3Ω SRF>5300MHz Rated current:280 mA

BSCH000603035N1S00




RDC<0.33Ω SRF>5000MHz Rated current:270 mA

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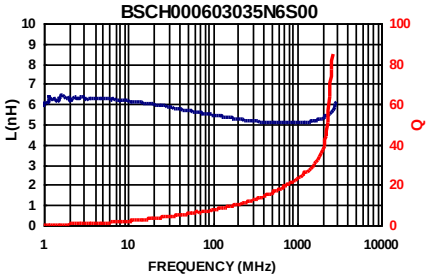
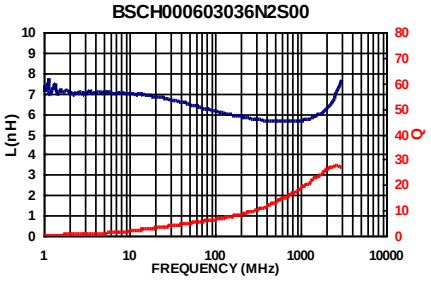
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH000603035N6S00



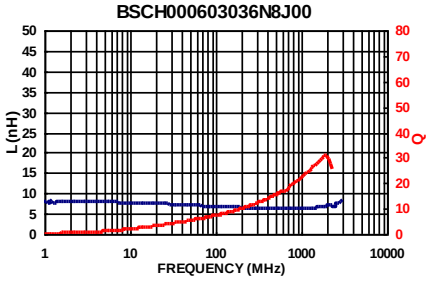

RDC<0.36Ω SRF>4600MHz Rated current:260 mA

BSCH000603036N2S00



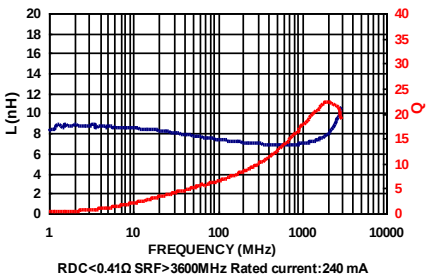

RDC<0.38Ω SRF>4200MHz Rated current:250 mA

BSCH000603036N8J00



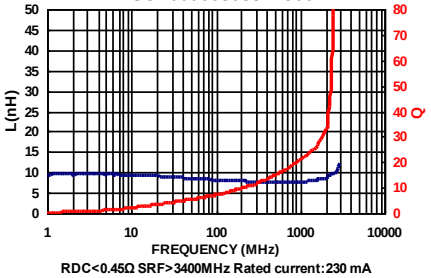

RDC<0.39Ω SRF>3900MHz Rated current:250 mA

BSCH000603037N5J00



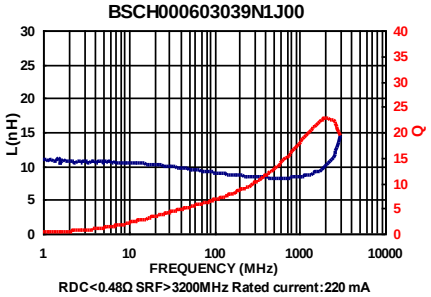

RDC<0.41Ω SRF>3600MHz Rated current:240 mA

BSCH000603038N2J00



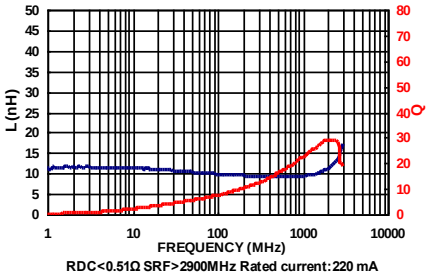

RDC<0.45Ω SRF>3400MHz Rated current:230 mA

BSCH000603039N1J00



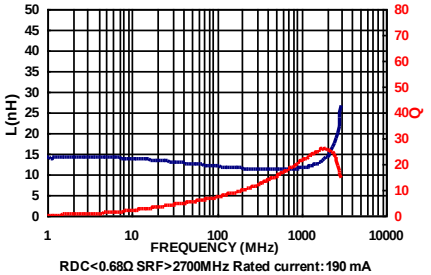

RDC<0.48Ω SRF>3200MHz Rated current:220 mA

BSCH0006030310NJ00



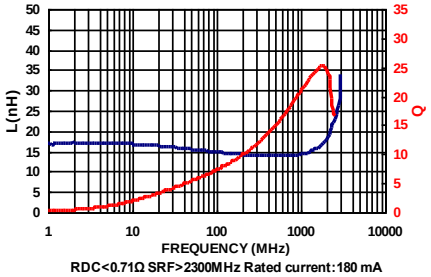

RDC<0.51Ω SRF>2900MHz Rated current:220 mA

BSCH0006030312NJ00



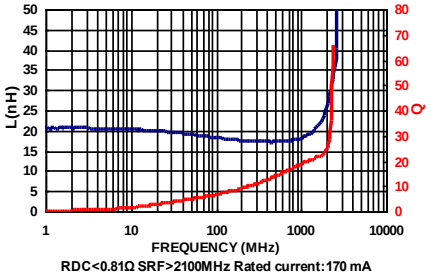

RDC<0.68Ω SRF>2700MHz Rated current:190 mA

BSCH0006030315NJ00



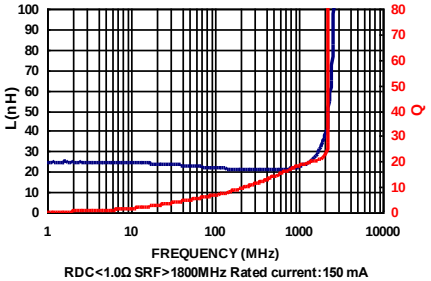

RDC<0.71Ω SRF>2300MHz Rated current:180 mA

BSCH0006030318NJ00



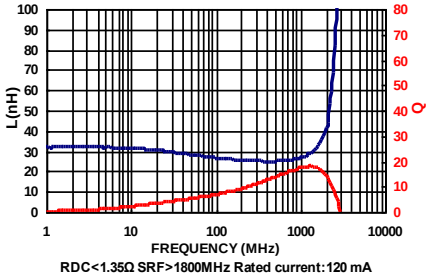

RDC<0.81Ω SRF>2100MHz Rated current:170 mA

BSCH0006030322NJ00



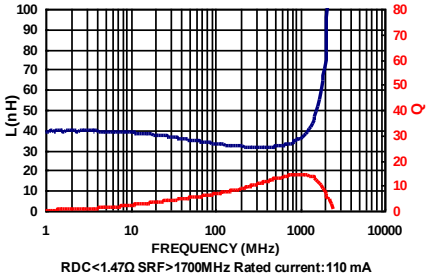

RDC<1.0Ω SRF>1800MHz Rated current:150 mA

BSCH0006030327NJ00



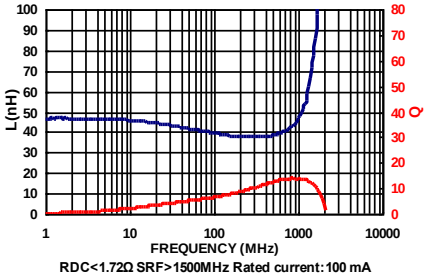

RDC<1.35Ω SRF>1800MHz Rated current:120 mA

BSCH0006030333NJ00



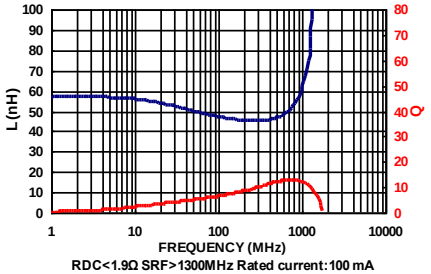

RDC<1.47Ω SRF>1700MHz Rated current:110 mA

BSCH0006030339NJ00




RDC<1.72Ω SRF>1500MHz Rated current:100 mA

BSCH0006030347NJ00




RDC<1.9Ω SRF>1300MHz Rated current:100 mA

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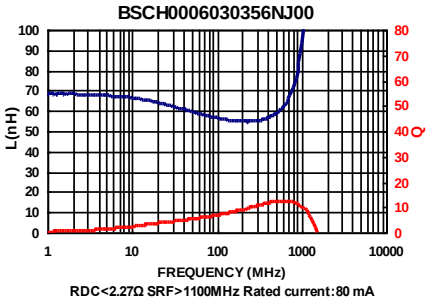
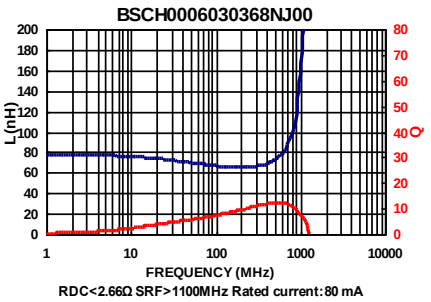
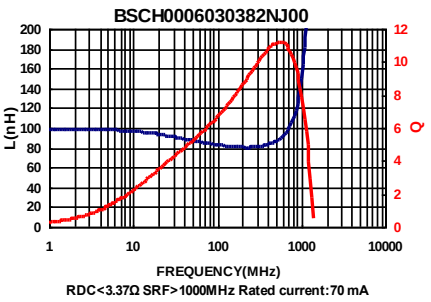
CHILISIN ELECTRONICS CORP.

**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

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## Electrical Characteristics

| Part Number | Inductance (nH) | Tolerance (±%) | Test Frequency (MHz) | Q Min | SRF (MHz) Typ. | RDC (Ω) Max | IDC (mA) Max |
|---|---|---|---|---|---|---|---|
| BSCH001005051N0☐CS | 1.0 | ±0.3nH | 100 | 8 | 10000 | 0.07 | 400 |
| BSCH001005051N1☐CS | 1.1 | ±0.3nH | 100 | 8 | 10000 | 0.10 | 400 |
| BSCH001005051N2☐CS | 1.2 | ±0.3nH | 100 | 8 | 10000 | 0.09 | 400 |
| BSCH001005051N3☐CS | 1.3 | ±0.3nH | 100 | 8 | 9000 | 0.10 | 400 |
| BSCH001005051N5☐CS | 1.5 | ±0.3nH | 100 | 8 | 9000 | 0.10 | 400 |
| BSCH001005051N6☐CS | 1.6 | ±0.3nH | 100 | 8 | 8700 | 0.10 | 400 |
| BSCH001005051N8☐CS | 1.8 | ±0.3nH | 100 | 8 | 8700 | 0.10 | 400 |
| BSCH001005052N0☐CS | 2.0 | ±0.3nH | 100 | 8 | 8100 | 0.10 | 400 |
| BSCH001005052N2☐CS | 2.2 | ±0.3nH | 100 | 8 | 8100 | 0.12 | 400 |
| BSCH001005052N4☐CS | 2.4 | ±0.3nH | 100 | 8 | 7700 | 0.15 | 400 |
| BSCH001005052N7☐CS | 2.7 | ±0.3nH | 100 | 8 | 7700 | 0.15 | 400 |
| BSCH001005053N0☐CS | 3.0 | ±0.3nH | 100 | 8 | 6300 | 0.15 | 400 |
| BSCH001005053N3☐CS | 3.3 | ±0.3nH/10 | 100 | 8 | 6300 | 0.15 | 400 |
| BSCH001005053N6☐CS | 3.6 | ±0.3nH/10 | 100 | 8 | 6100 | 0.15 | 400 |
| BSCH001005053N9☐CS | 3.9 | ±0.3nH/10 | 100 | 8 | 6100 | 0.18 | 400 |
| BSCH001005054N3☐CS | 4.3 | ±0.3nH/10 | 100 | 8 | 6000 | 0.18 | 400 |
| BSCH001005054N7☐CS | 4.7 | ±0.3nH/10 | 100 | 8 | 6000 | 0.18 | 400 |
| BSCH001005055N0☐CS | 5.0 | ±0.3nH/10 | 100 | 8 | 5100 | 0.20 | 400 |
| BSCH001005055N1☐CS | 5.1 | ±0.3nH/10 | 100 | 8 | 5300 | 0.20 | 400 |
| BSCH001005055N6☐CS | 5.6 | ±0.3nH/10 | 100 | 8 | 5100 | 0.20 | 400 |
| BSCH001005056N8☐CS | 6.8 | 5 / 10 | 100 | 8 | 4550 | 0.24 | 400 |
| BSCH001005057N5☐CS | 7.5 | 5 / 10 | 100 | 8 | 4200 | 0.24 | 300 |
| BSCH001005058N0☐CS | 8.0 | 5 / 10 | 100 | 8 | 4100 | 0.30 | 300 |
| BSCH001005058N2☐CS | 8.2 | 5 / 10 | 100 | 8 | 4100 | 0.24 | 300 |
| BSCH001005059N1☐CS | 9.1 | 5 / 10 | 100 | 8 | 3900 | 0.26 | 300 |
| BSCH0010050510N☐CS | 10 | 5 / 10 | 100 | 8 | 3900 | 0.26 | 300 |
| BSCH0010050512N☐CS | 12 | 5 / 10 | 100 | 8 | 3000 | 0.40 | 300 |
| BSCH0010050515N☐CS | 15 | 5 / 10 | 100 | 8 | 2800 | 0.50 | 300 |
| BSCH0010050518N☐CS | 18 | 5 / 10 | 100 | 8 | 2500 | 0.55 | 300 |
| BSCH0010050522N☐CS | 22 | 5 / 10 | 100 | 8 | 2200 | 0.70 | 300 |
| BSCH0010050524N☐CS | 24 | 5 / 10 | 100 | 8 | 2100 | 0.70 | 300 |
| BSCH0010050527N☐CS | 27 | 5 / 10 | 100 | 8 | 2000 | 0.80 | 300 |
| BSCH0010050533N☐CS | 33 | 5 / 10 | 100 | 8 | 1800 | 0.9 | 200 |
| BSCH0010050539N☐CS | 39 | 5 / 10 | 100 | 8 | 1600 | 1.0 | 150 |
| BSCH0010050547N☐CS | 47 | 5 / 10 | 100 | 8 | 1400 | 1.2 | 150 |

**Note: When ordering, please specify tolerance code. Tolerance : S=±0.3nH , J=±5% , K=±10%**

- Operating temperature range - 55℃~125℃(Including self - temperature rise)
- IDC：Applied the current to coils, the inductance shall be less than 10% initial value
- Residual impedance of short chip : 0nH
- Measure Equipment：
  L & Q：Agilent E4991A+Agilent 16197A
  SRF：HP8753D
  RDC：HP4338B or CHEN HWA 502

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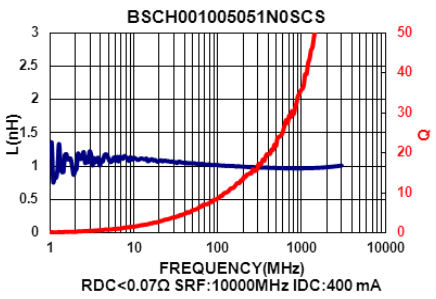
## Electrical Characteristics

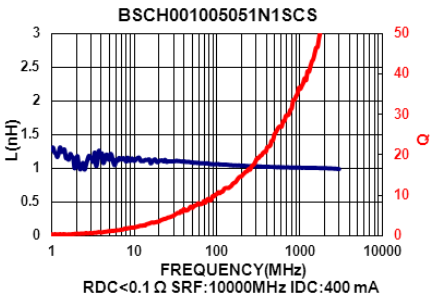
| Part Number | Inductance (nH) | Tolerance (±%) | Test Frequency (MHz) | Q Min | SRF (MHz) Typ. | RDC (Ω) Max | IDC (mA) Max |
|---|---|---|---|---|---|---|---|
| BSCH0010050556N☐CS | 56 | 5 / 10 | 100 | 8 | 1300 | 1.3 | 150 |
| BSCH0010050568N☐CS | 68 | 5 / 10 | 100 | 8 | 1100 | 1.5 | 100 |
| BSCH0010050575N☐CS | 75 | 5 / 10 | 100 | 8 | 1080 | 1.5 | 100 |
| BSCH0010050582N☐CS | 82 | 5 / 10 | 100 | 8 | 1000 | 1.6 | 100 |
| BSCH00100505R10☐CS | 100 | 5 / 10 | 100 | 8 | 900 | 2.0 | 100 |
| BSCH00100505R12☐CS | 120 | 5 / 10 | 100 | 8 | 800 | 2.2 | 100 |
| BSCH00100505R15☐CS | 150 | 5 / 10 | 100 | 8 | 700 | 3.5 | 100 |
| BSCH00100505R18☐CS | 180 | 5 / 10 | 100 | 8 | 600 | 3.8 | 100 |
| BSCH00100505R22☐CS | 220 | 5 / 10 | 100 | 8 | 500 | 4.2 | 100 |
| BSCH00100505R27☐CS | 270 | 5 / 10 | 100 | 8 | 500 | 4.8 | 100 |

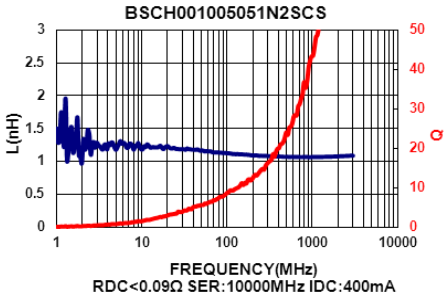
**Note: When ordering, please specify tolerance code. Tolerance : S=±0.3nH , J=±5% , K=±10%**

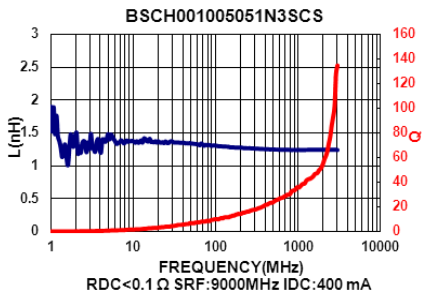
- Operating temperature range - 55℃ ~ 125℃(Including self - temperature rise)
- IDC : Applied the current to coils, the inductance shall be less than 10% initial value
- Residual impedance of short chip : 0nH
- Measure Equipment :
  L & Q : Agilent E4991A+Agilent 16197A
  SRF : HP8753D
  RDC : HP4338B or CHEN HWA 502

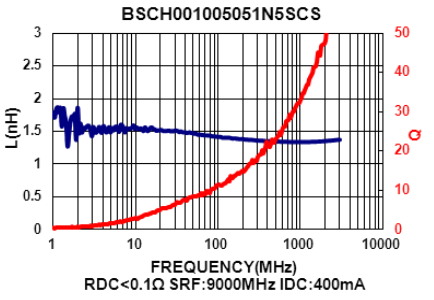
**Test Instruments :** Agilent E4991A Material/Impedance Analyzer

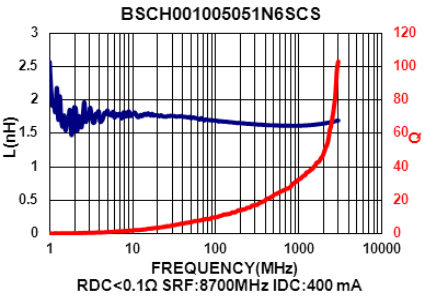
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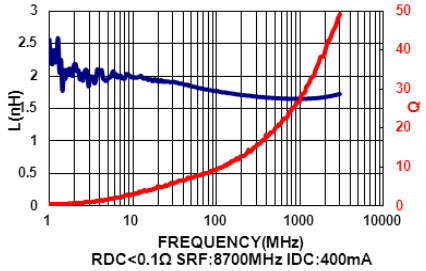
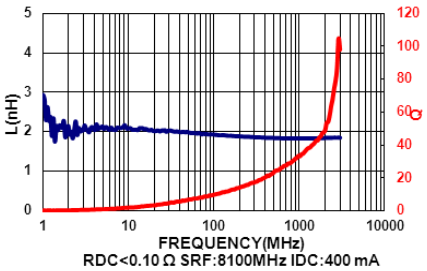
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH001005051N8SCS



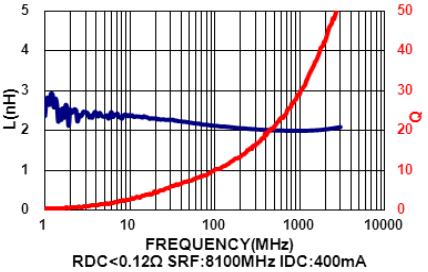

RDC<0.1Ω SRF:8700MHz IDC:400mA

BSCH001005052N0SCS



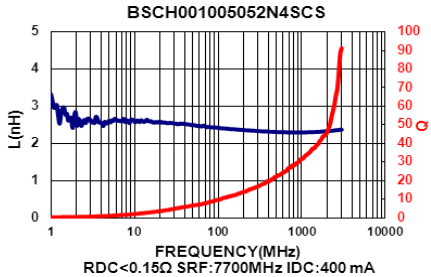

RDC<0.10 Ω SRF:8100MHz IDC:400 mA

BSCH001005052N2SCS



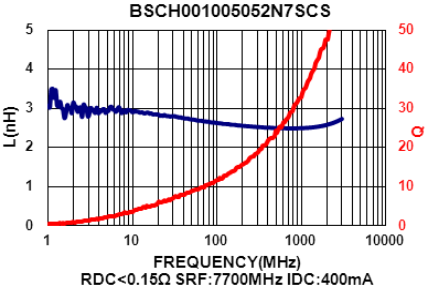

RDC<0.12Ω SRF:8100MHz IDC:400mA

BSCH001005052N4SCS



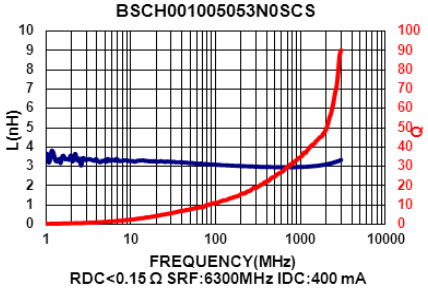

RDC<0.15Ω SRF:7700MHz IDC:400 mA

BSCH001005052N7SCS



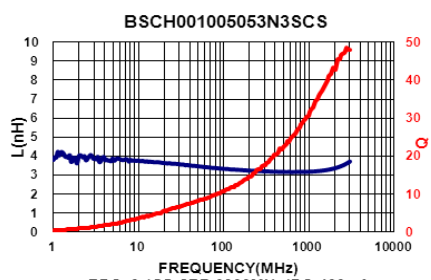

RDC<0.15Ω SRF:7700MHz IDC:400mA

BSCH001005053N0SCS



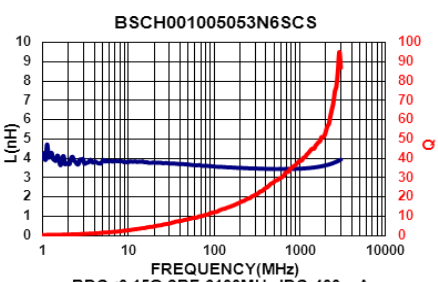

RDC<0.15 Ω SRF:6300MHz IDC:400 mA

BSCH001005053N3SCS



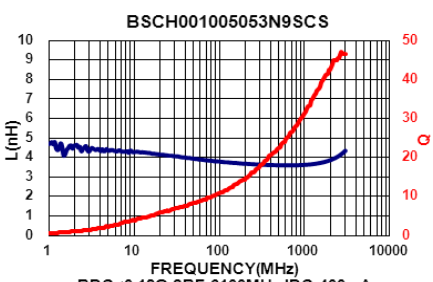

RDC<0.15Ω SRF:6300MHz IDC:400mA

BSCH001005053N6SCS



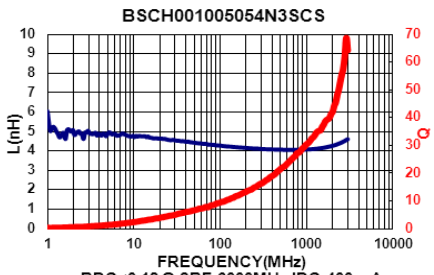

RDC<0.15Ω SRF:6100MHz IDC:400 mA

BSCH001005053N9SCS



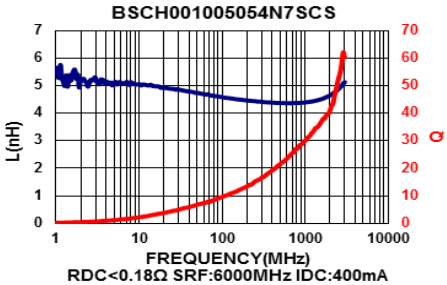

RDC<0.18Ω SRF:6100MHz IDC:400mA

BSCH001005054N3SCS



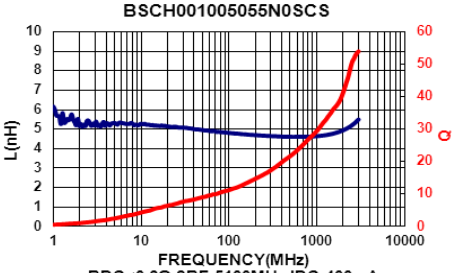

RDC<0.18 Ω SRF:6000MHz IDC:400 mA

BSCH001005054N7SCS



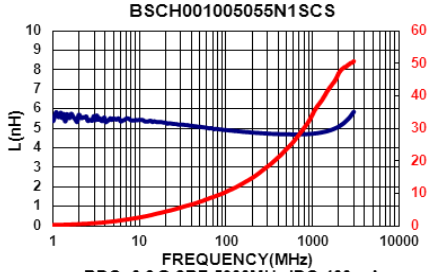

RDC<0.18Ω SRF:6000MHz IDC:400mA

BSCH001005055N0SCS



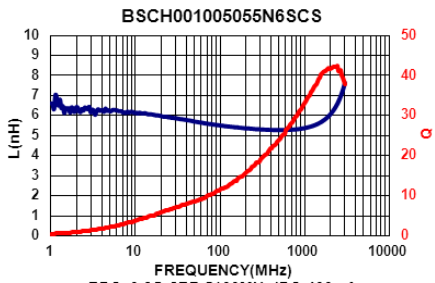

RDC<0.2Ω SRF:5100MHz IDC:400mA

BSCH001005055N1SCS



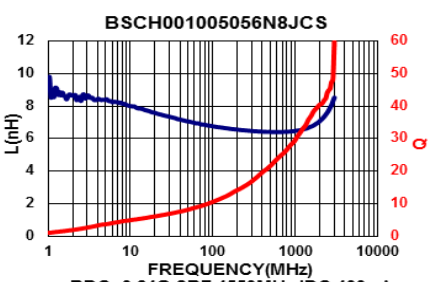

RDC<0.2 Ω SRF:5300MHz IDC:400 mA

BSCH001005055N6SCS




RDC<0.2Ω SRF:5100MHz IDC:400mA

BSCH001005056N8JCS




RDC<0.24Ω SRF:4550MHz IDC:400mA

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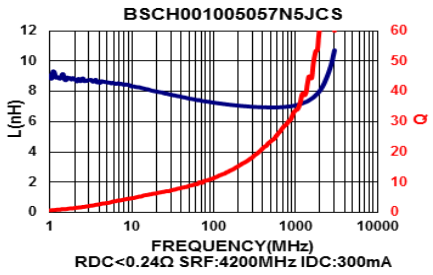
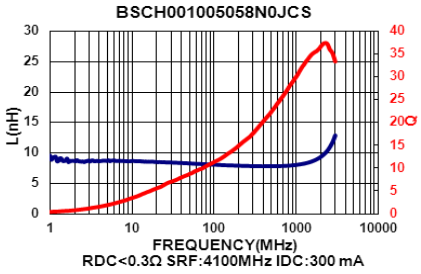
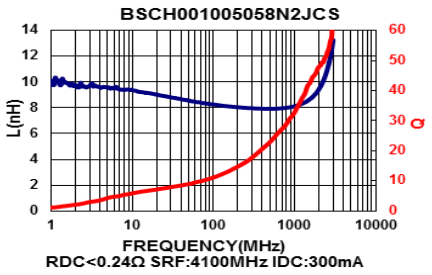
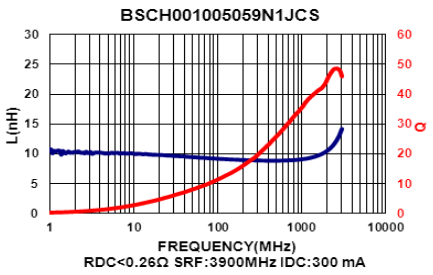
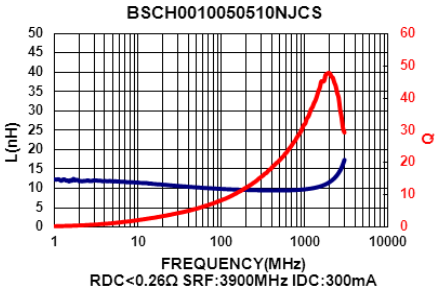
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

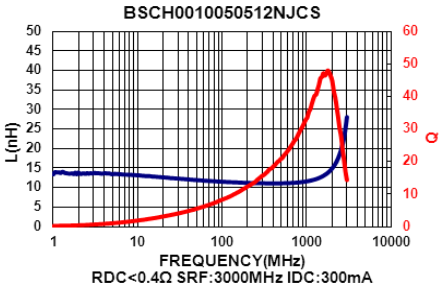


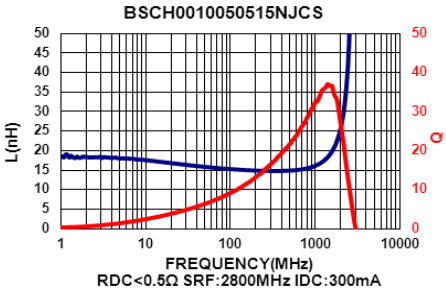



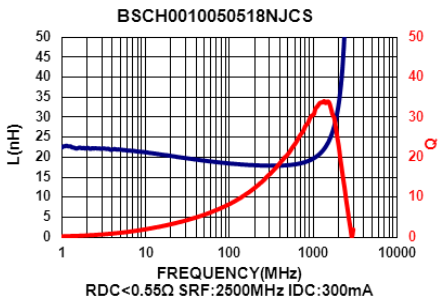



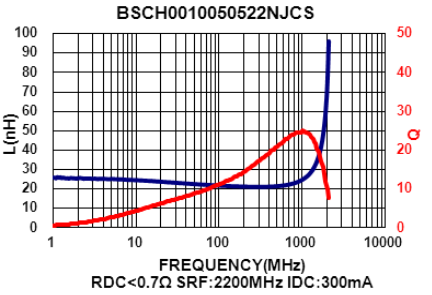



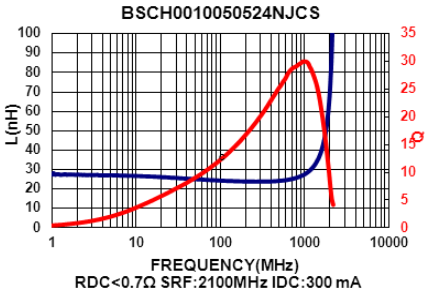



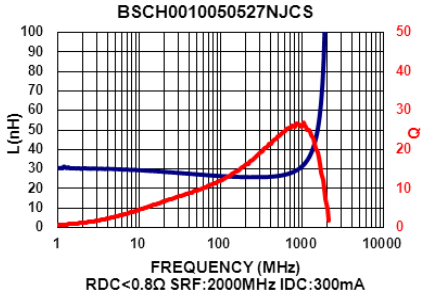



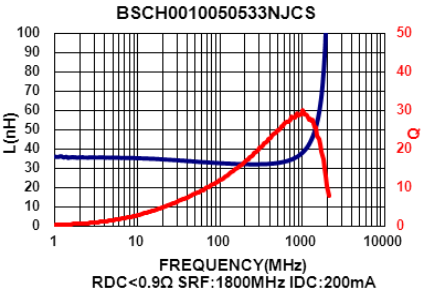



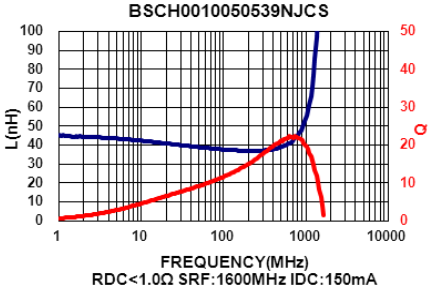



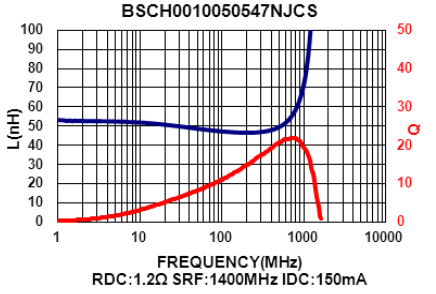



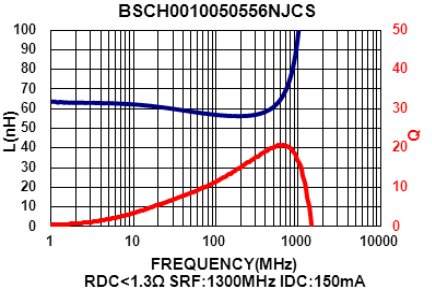

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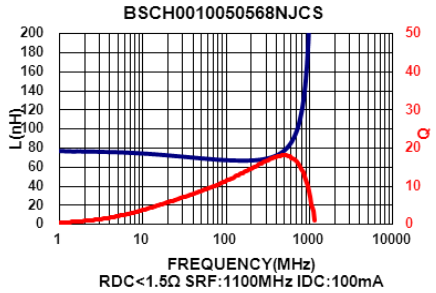
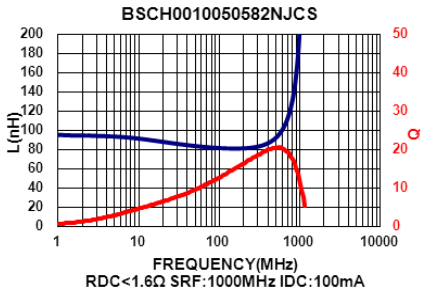
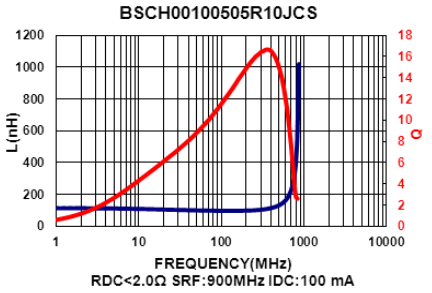
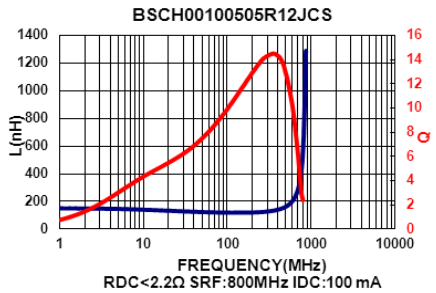
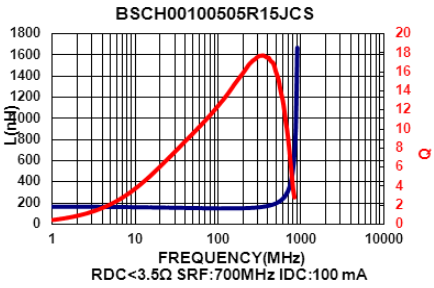
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

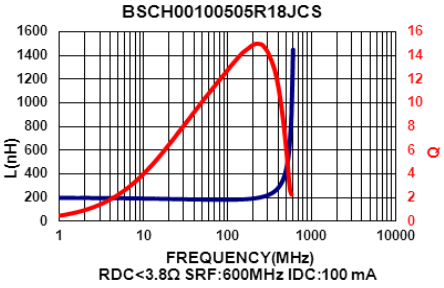


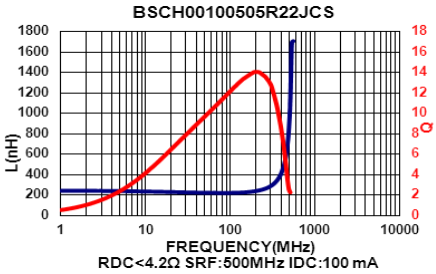



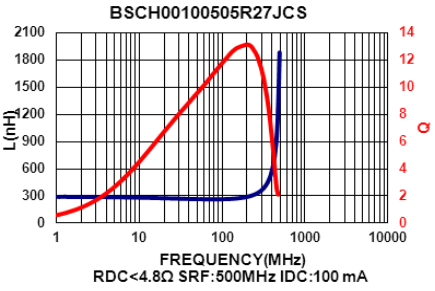

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## Electrical Characteristics

| Part Number | Inductance (nH) | Tolerance (±%) | Test Frequency (MHz) | Q Min | SRF (MHz) Typ. | RDC (Ω) Max | Rated Current (mA) Max |
|---|---|---|---|---|---|---|---|
| BSCH001005051N0☐CP | 1.0 | ±0.3nH | 100 | 8 | 10000 | 0.07 | 400 |
| BSCH001005051N1☐CP | 1.1 | ±0.3nH | 100 | 8 | 10000 | 0.10 | 400 |
| BSCH001005051N2☐CP | 1.2 | ±0.3nH | 100 | 8 | 10000 | 0.09 | 400 |
| BSCH001005051N3☐CP | 1.3 | ±0.3nH | 100 | 8 | 9000 | 0.10 | 400 |
| BSCH001005051N5☐CP | 1.5 | ±0.3nH | 100 | 8 | 9000 | 0.10 | 400 |
| BSCH001005051N6☐CP | 1.6 | ±0.3nH | 100 | 8 | 8700 | 0.10 | 400 |
| BSCH001005051N8☐CP | 1.8 | ±0.3nH | 100 | 8 | 8700 | 0.10 | 400 |
| BSCH001005052N0☐CP | 2.0 | ±0.3nH | 100 | 8 | 8100 | 0.10 | 400 |
| BSCH001005052N2☐CP | 2.2 | ±0.3nH | 100 | 8 | 8100 | 0.12 | 400 |
| BSCH001005052N4☐CP | 2.4 | ±0.3nH | 100 | 8 | 7700 | 0.15 | 400 |
| BSCH001005052N7☐CP | 2.7 | ±0.3nH | 100 | 8 | 7700 | 0.15 | 400 |
| BSCH001005053N0☐CP | 3.0 | ±0.3nH | 100 | 8 | 6300 | 0.15 | 400 |
| BSCH001005053N3☐CP | 3.3 | ±0.3nH | 100 | 8 | 6300 | 0.15 | 400 |
| BSCH001005053N6☐CP | 3.6 | ±0.3nH | 100 | 8 | 6100 | 0.15 | 400 |
| BSCH001005053N9☐CP | 3.9 | ±0.3nH | 100 | 8 | 6100 | 0.18 | 400 |
| BSCH001005054N3☐CP | 4.3 | ±0.3nH | 100 | 8 | 6000 | 0.18 | 400 |
| BSCH001005054N7☐CP | 4.7 | ±0.3nH | 100 | 8 | 6000 | 0.18 | 400 |
| BSCH001005055N1☐CP | 5.1 | ±0.3nH | 100 | 8 | 5300 | 0.20 | 400 |
| BSCH001005055N6☐CP | 5.6 | ±0.3nH | 100 | 8 | 5100 | 0.20 | 400 |
| BSCH001005056N2☐CP | 6.2 | ±0.3nH/5/10 | 100 | 8 | 4500 | 0.22 | 400 |
| BSCH001005056N8☐CP | 6.8 | 5 / 10 | 100 | 8 | 4550 | 0.24 | 400 |
| BSCH001005057N5☐CP | 7.5 | 5 / 10 | 100 | 8 | 4200 | 0.24 | 300 |
| BSCH001005058N2☐CP | 8.2 | 5 / 10 | 100 | 8 | 4100 | 0.24 | 300 |
| BSCH001005059N1☐CP | 9.1 | 5 / 10 | 100 | 8 | 3900 | 0.26 | 300 |
| BSCH0010050510N☐CP | 10 | 5 / 10 | 100 | 8 | 3900 | 0.26 | 300 |
| BSCH0010050512N☐CP | 12 | 5 / 10 | 100 | 8 | 3000 | 0.28 | 300 |
| BSCH0010050515N☐CP | 15 | 5 / 10 | 100 | 8 | 2500 | 0.32 | 300 |
| BSCH0010050518N☐CP | 18 | 5 / 10 | 100 | 8 | 2200 | 0.36 | 300 |
| BSCH0010050522N☐CP | 22 | 5 / 10 | 100 | 8 | 1900 | 0.42 | 300 |
| BSCH0010050527N☐CP | 27 | 5 / 10 | 100 | 8 | 1700 | 0.46 | 300 |
| BSCH0010050533N☐CP | 33 | 5 / 10 | 100 | 8 | 1600 | 0.58 | 200 |
| BSCH0010050539N☐CP | 39 | 5 / 10 | 100 | 8 | 1200 | 0.65 | 200 |
| BSCH0010050547N☐CP | 47 | 5 / 10 | 100 | 8 | 1000 | 0.72 | 200 |
| BSCH0010050556N☐CP | 56 | 5 / 10 | 100 | 8 | 800 | 0.82 | 200 |
| BSCH0010050568N☐CP | 68 | 5 / 10 | 100 | 8 | 800 | 0.92 | 180 |
| BSCH0010050582N☐CP | 82 | 5 / 10 | 100 | 8 | 700 | 1.20 | 150 |

**Note: When ordering, please specify tolerance code. Tolerance : C=±0.2nH , S=±0.3nH , J=±5% , K=±10%**

- Operating temperature range - 55℃~125℃(Including self - temperature rise)
- Rate Current：Applied the current to coils, the temperature rise shall not be more than 30℃
- Residual impedance of short chip : 0nH
- Measure Equipment：

  L & Q：Agilent E4991A+Agilent 16197A

  SRF：HP8753D

  RDC：HP4338B or CHEN HWA 502

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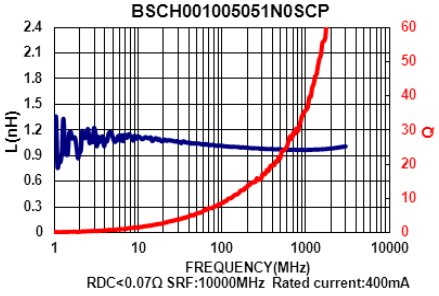
CHILISIN ELECTRONICS CORP.

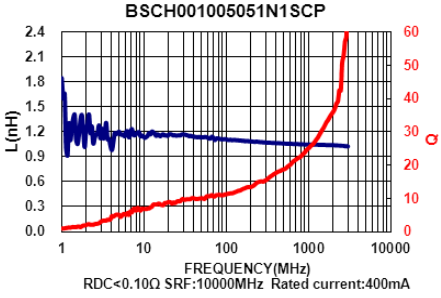
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH001005051N0SCP



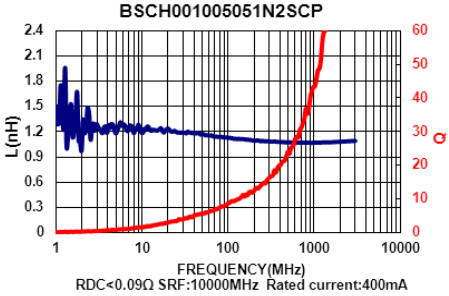

RDC<0.07Ω SRF:10000MHz Rated current:400mA

BSCH001005051N1SCP



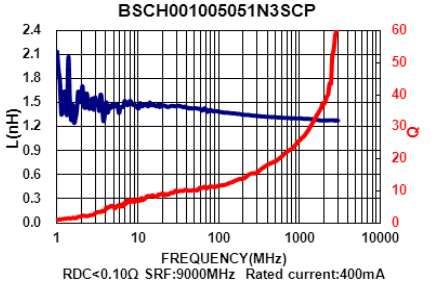

RDC<0.10Ω SRF:10000MHz Rated current:400mA

BSCH001005051N2SCP



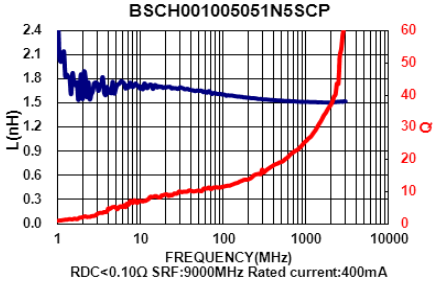

RDC<0.09Ω SRF:10000MHz Rated current:400mA

BSCH001005051N3SCP



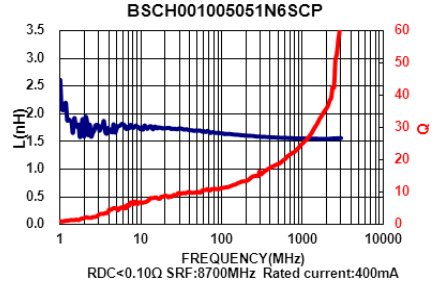

RDC<0.10Ω SRF:9000MHz Rated current:400mA

BSCH001005051N5SCP



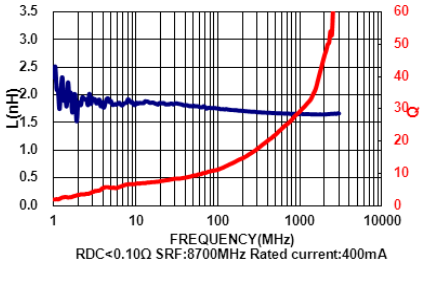

RDC<0.10Ω SRF:9000MHz Rated current:400mA

BSCH001005051N6SCP



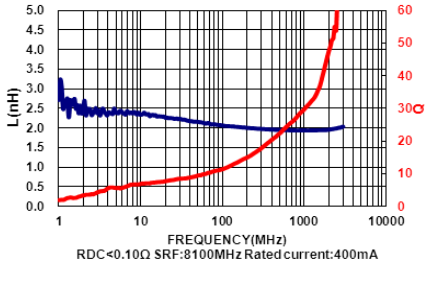

RDC<0.10Ω SRF:8700MHz Rated current:400mA

BSCH001005051N8SCP



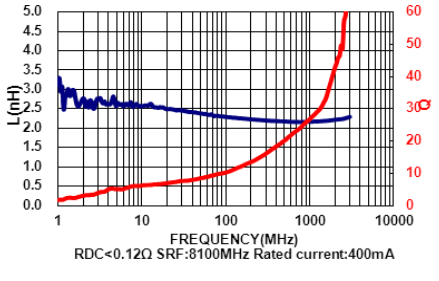

RDC<0.10Ω SRF:8700MHz Rated current:400mA

BSCH001005052N0SCP



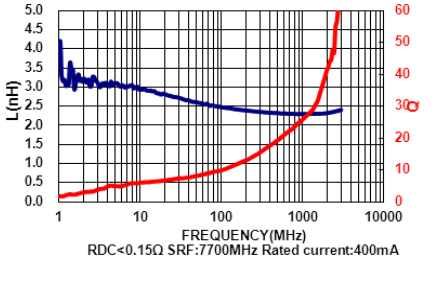

RDC<0.10Ω SRF:8100MHz Rated current:400mA

BSCH001005052N2SCP



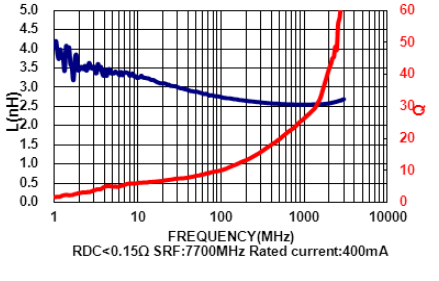

RDC<0.12Ω SRF:8100MHz Rated current:400mA

BSCH001005052N4SCP



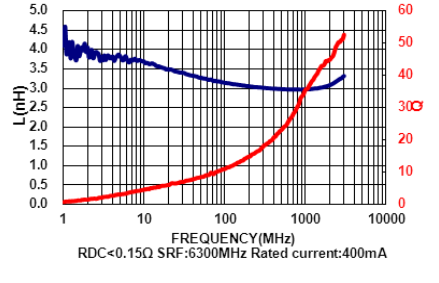

RDC<0.15Ω SRF:7700MHz Rated current:400mA

BSCH001005052N7SCP



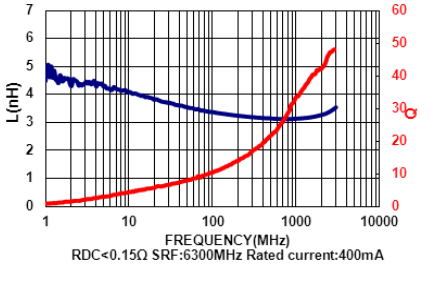

RDC<0.15Ω SRF:7700MHz Rated current:400mA

BSCH001005053N0SCP



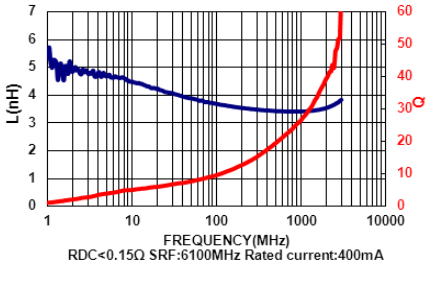

RDC<0.15Ω SRF:6300MHz Rated current:400mA

BSCH001005053N3SCP



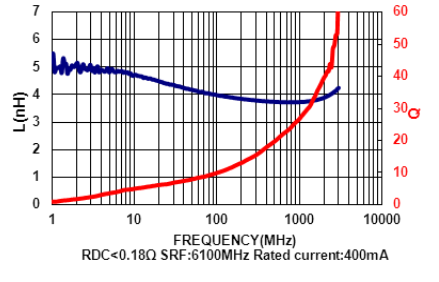

RDC<0.15Ω SRF:6300MHz Rated current:400mA

BSCH001005053N6SCP



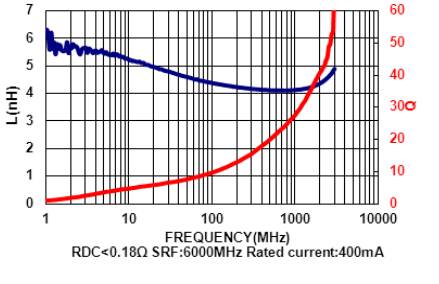

RDC<0.15Ω SRF:6100MHz Rated current:400mA

BSCH001005053N9SCP



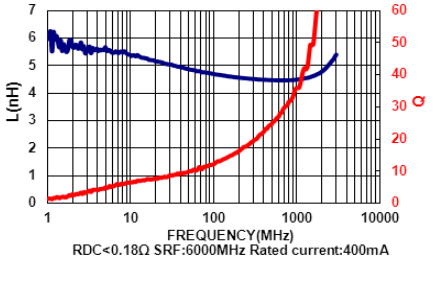

RDC<0.18Ω SRF:6100MHz Rated current:400mA

BSCH001005054N3SCP



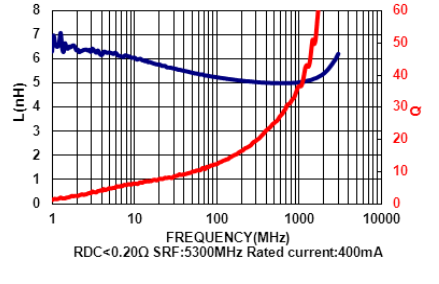

RDC<0.18Ω SRF:6000MHz Rated current:400mA

BSCH001005054N7SCP




RDC<0.18Ω SRF:6000MHz Rated current:400mA

BSCH001005055N1SCP




RDC<0.20Ω SRF:5300MHz Rated current:400mA

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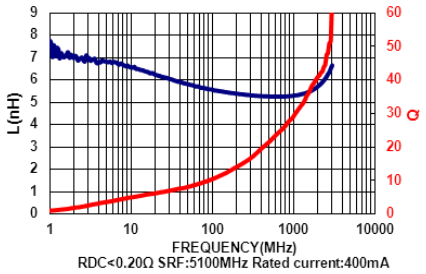
CHILISIN ELECTRONICS CORP.

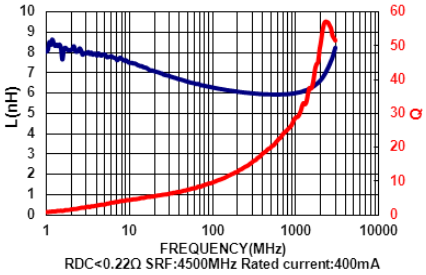
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH001005055N6SCP



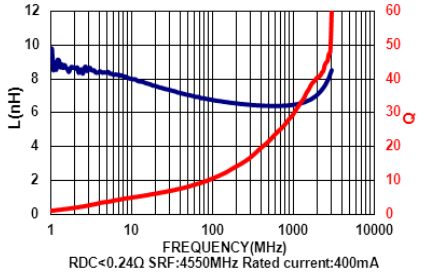

RDC<0.20Ω SRF:5100MHz Rated current:400mA

BSCH001005056N2SCP



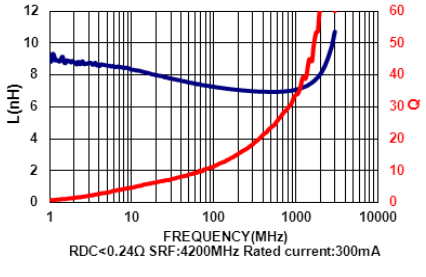

RDC<0.22Ω SRF:4500MHz Rated current:400mA

BSCH001005056N8JCP



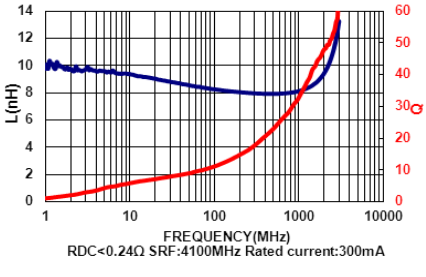

RDC<0.24Ω SRF:4550MHz Rated current:400mA

BSCH001005057N5JCP



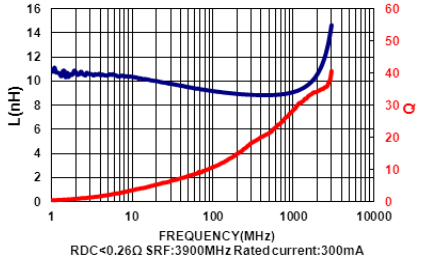

RDC<0.24Ω SRF:4200MHz Rated current:300mA

BSCH001005058N2JCP



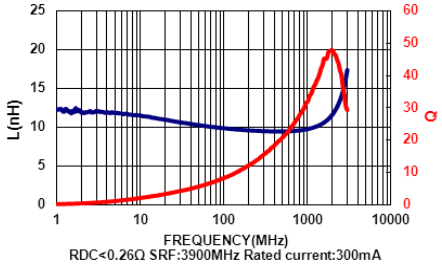

RDC<0.24Ω SRF:4100MHz Rated current:300mA

BSCH001005059N1JCP



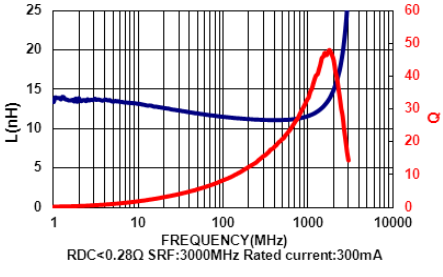

RDC<0.26Ω SRF:3900MHz Rated current:300mA

BSCH0010050510NJCP



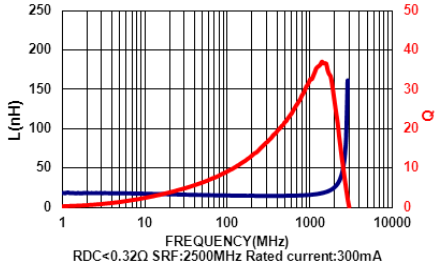

RDC<0.26Ω SRF:3900MHz Rated current:300mA

BSCH0010050512NJCP



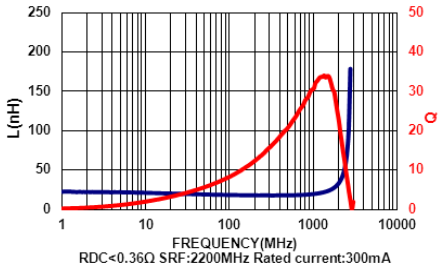

RDC<0.28Ω SRF:3000MHz Rated current:300mA

BSCH0010050515NJCP



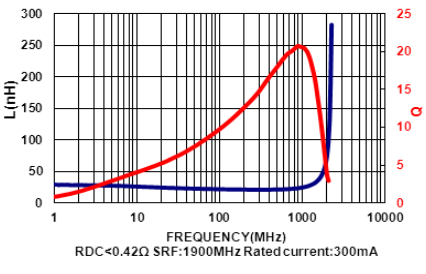

RDC<0.32Ω SRF:2500MHz Rated current:300mA

BSCH0010050518NJCP



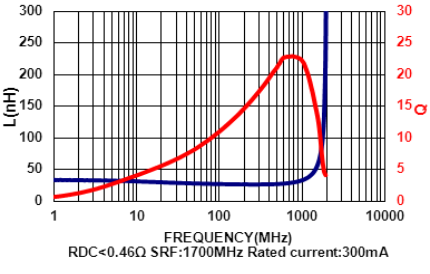

RDC<0.36Ω SRF:2200MHz Rated current:300mA

BSCH0010050522NJCP



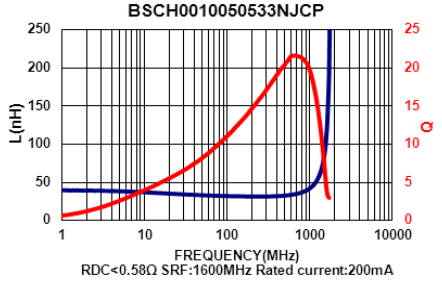

RDC<0.42Ω SRF:1900MHz Rated current:300mA

BSCH0010050527NJCP



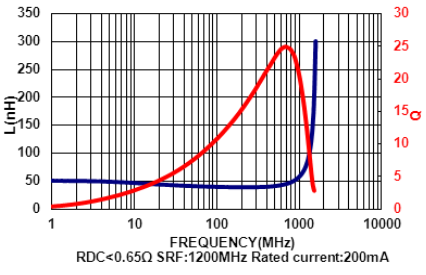

RDC<0.46Ω SRF:1700MHz Rated current:300mA

BSCH0010050533NJCP



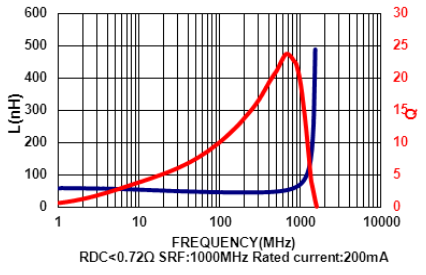

RDC<0.58Ω SRF:1600MHz Rated current:200mA

BSCH0010050539NJCP



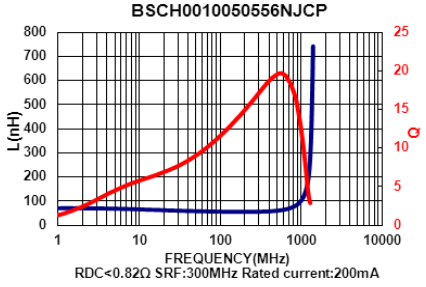

RDC<0.65Ω SRF:1200MHz Rated current:200mA

BSCH0010050547NJCP



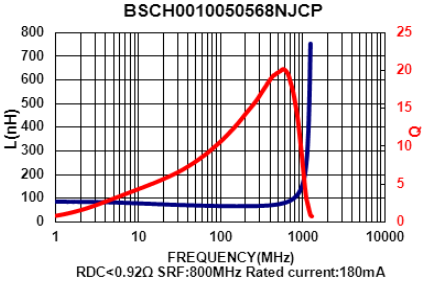

RDC<0.72Ω SRF:1000MHz Rated current:200mA

BSCH0010050556NJCP



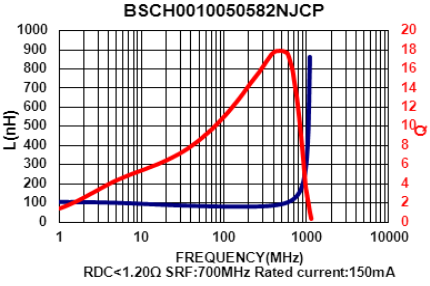

RDC<0.82Ω SRF:300MHz Rated current:200mA

BSCH0010050568NJCP




RDC<0.92Ω SRF:800MHz Rated current:180mA

BSCH0010050582NJCP




RDC<1.20Ω SRF:700MHz Rated current:150mA

Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

CHILISIN ELECTRONICS CORP.

## Electrical Characteristics

| Part Number | Inductance (nH) | Tolerance (±%) | Test Frequency (MHz) | Q Min | SRF (MHz) Min | RDC (Ω) Max | IDC (mA) Max |
|---|---|---|---|---|---|---|---|
| BSCH001005051N0☐SM | 1.0 | ±0.3nH | 100 | 8 | 10000 | 0.07 | 400 |
| BSCH001005051N2☐SM | 1.2 | ±0.3nH | 100 | 8 | 6000 | 0.10 | 400 |
| BSCH001005051N5☐SM | 1.5 | ±0.3nH | 100 | 8 | 6000 | 0.10 | 400 |
| BSCH001005051N6☐SM | 1.6 | ±0.3nH | 100 | 8 | 6000 | 0.10 | 400 |
| BSCH001005051N8☐SM | 1.8 | ±0.3nH | 100 | 8 | 6000 | 0.10 | 400 |
| BSCH001005052N0☐SM | 2.0 | ±0.3nH | 100 | 8 | 6000 | 0.12 | 400 |
| BSCH001005052N2☐SM | 2.2 | ±0.3nH | 100 | 8 | 6000 | 0.15 | 400 |
| BSCH001005052N4☐SM | 2.4 | ±0.3nH | 100 | 8 | 6000 | 0.15 | 400 |
| BSCH001005052N7☐SM | 2.7 | ±0.3nH | 100 | 8 | 6000 | 0.15 | 400 |
| BSCH001005053N0☐SM | 3.0 | ±0.3nH | 100 | 8 | 6000 | 0.15 | 400 |
| BSCH001005053N3☐SM | 3.3 | ±0.3nH | 100 | 8 | 6000 | 0.15 | 400 |
| BSCH001005053N6☐SM | 3.6 | ±0.3nH | 100 | 8 | 6000 | 0.15 | 400 |
| BSCH001005053N9☐SM | 3.9 | ±0.3nH | 100 | 8 | 6000 | 0.19 | 400 |
| BSCH001005054N3☐SM | 4.3 | ±0.3nH | 100 | 8 | 6000 | 0.20 | 400 |
| BSCH001005054N7☐SM | 4.7 | ±0.3nH | 100 | 8 | 6000 | 0.20 | 400 |
| BSCH001005055N1☐SM | 5.1 | ±0.3nH | 100 | 8 | 6000 | 0.20 | 400 |
| BSCH001005055N6☐SM | 5.6 | ±0.3nH | 100 | 8 | 5300 | 0.20 | 400 |
| BSCH001005056N2☐SM | 6.2 | 5 | 100 | 8 | 4300 | 0.25 | 400 |
| BSCH001005056N8☐SM | 6.8 | 5 | 100 | 8 | 4200 | 0.25 | 400 |
| BSCH001005057N5☐SM | 7.5 | 5 | 100 | 8 | 3900 | 0.25 | 400 |
| BSCH001005058N2☐SM | 8.2 | 5 | 100 | 8 | 3600 | 0.30 | 300 |
| BSCH001005059N1☐SM | 9.1 | 5 | 100 | 8 | 3400 | 0.34 | 300 |
| BSCH0010050510N☐SM | 10 | 5 | 100 | 8 | 3200 | 0.35 | 300 |
| BSCH0010050512N☐SM | 12 | 5 | 100 | 8 | 2800 | 0.35 | 300 |
| BSCH0010050515N☐SM | 15 | 5 | 100 | 8 | 2300 | 0.46 | 300 |

**Note: When ordering, please specify tolerance code. Tolerance : S=±0.3nH , J=±5%**

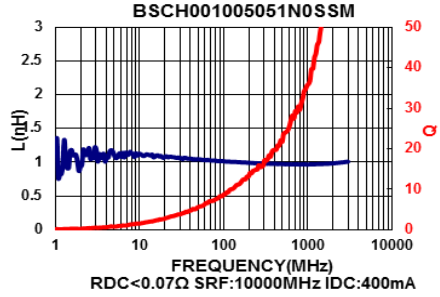
- Operating temperature range - 55℃~125℃(Including self - temperature rise)
- IDC：Applied the current to coils, the inductance shall be less than 10% initial value
- Residual impedance of short chip : 0.55nH
- Measure Equipment：
  L & Q：Agilent E4991A+Agilent 16197A
  SRF：HP8753D
  RDC：HP4338B or CHEN HWA 502

Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

CHILISIN ELECTRONICS CORP.

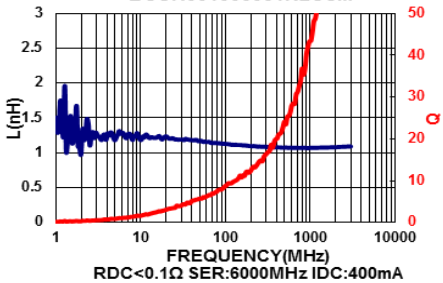
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH001005051N0SSM



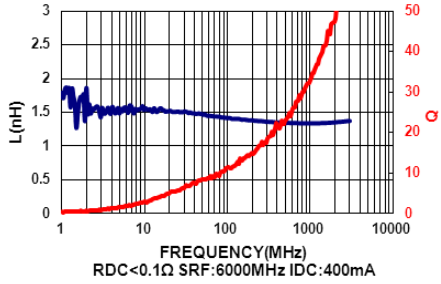

RDC<0.07Ω SRF:10000MHz IDC:400mA

BSCH001005051N2SSM



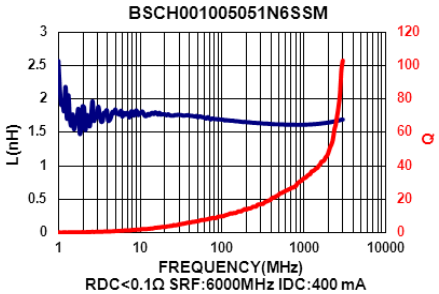

RDC<0.1Ω SER:6000MHz IDC:400mA

BSCH001005051N5SSM



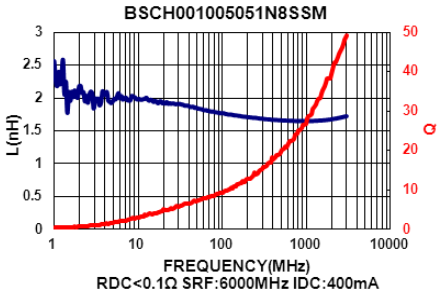

RDC<0.1Ω SRF:6000MHz IDC:400mA

BSCH001005051N6SSM



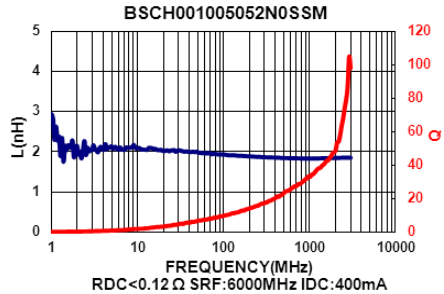

RDC<0.1Ω SRF:6000MHz IDC:400 mA

BSCH001005051N8SSM



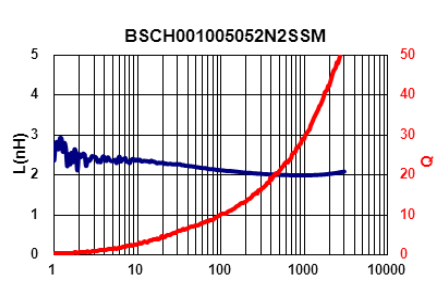

RDC<0.1Ω SRF:6000MHz IDC:400mA

BSCH001005052N0SSM



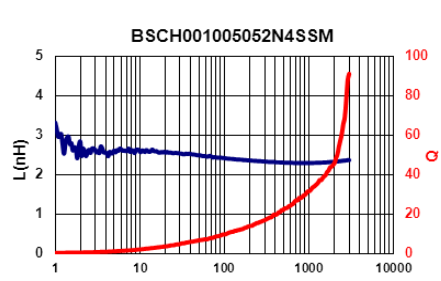

RDC<0.12 Ω SRF:6000MHz IDC:400mA

BSCH001005052N2SSM



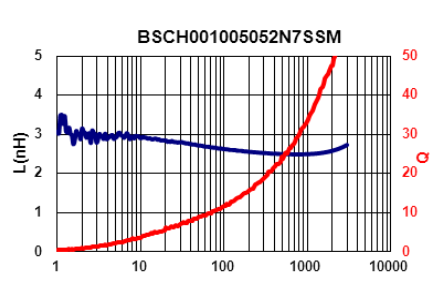

RDC<0.15Ω SRF:6000MHz IDC:400mA

BSCH001005052N4SSM



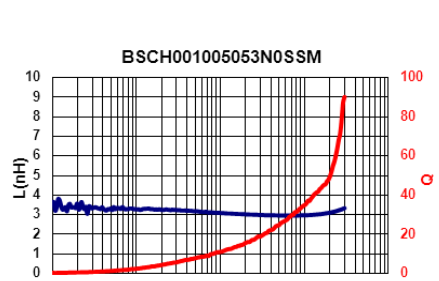

RDC<0.15Ω SRF:6000MHz IDC:400mA

BSCH001005052N7SSM



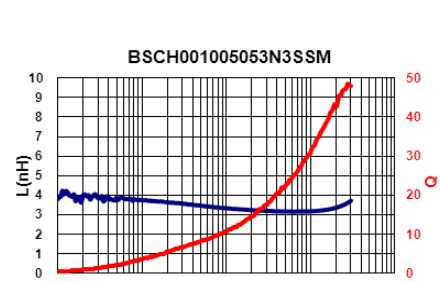

RDC<0.15Ω SRF:6000MHz IDC:400mA

BSCH001005053N0SSM



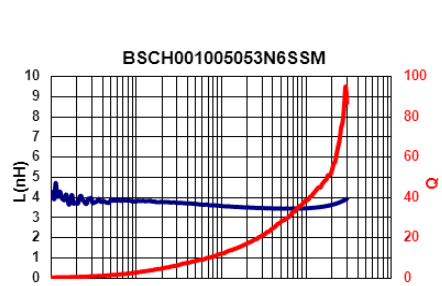

RDC<0.15Ω SRF:6000MHz IDC:400mA

BSCH001005053N3SSM



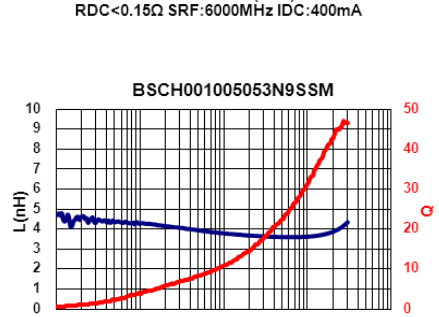

RDC<0.15Ω SRF:6000MHz IDC:400mA

BSCH001005053N6SSM



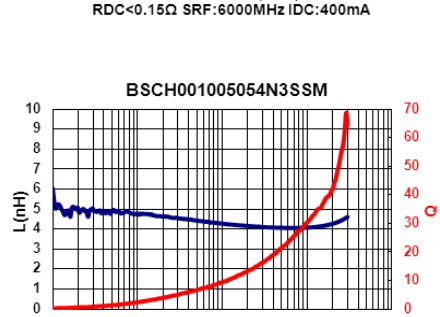

RDC<0.15Ω SRF:6000MHz IDC:400mA

BSCH001005053N9SSM



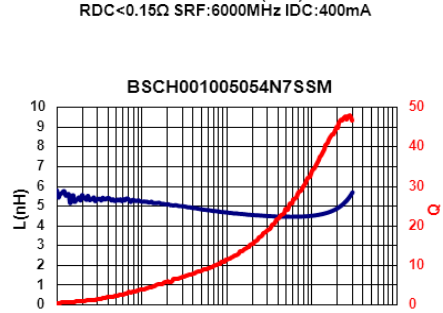

RDC<0.19Ω SRF:6000MHz IDC:400mA

BSCH001005054N3SSM




RDC<0.2Ω SRF:6000MHz IDC:400mA

BSCH001005054N7SSM




RDC<0.2Ω SRF:6000MHz IDC:400mA

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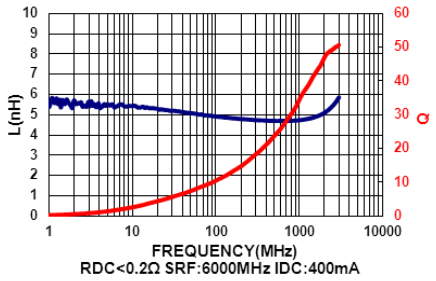
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH001005055N1SSM




RDC<0.2Ω SRF:6000MHz IDC:400mA

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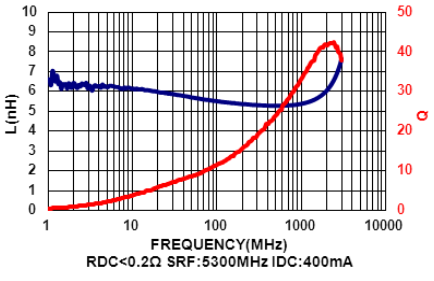
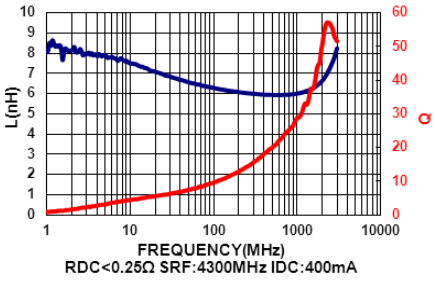


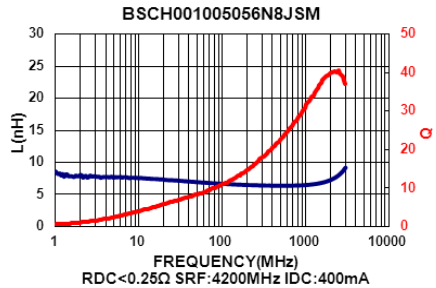

RDC<0.2Ω SRF:5300MHz IDC:400mA

BSCH001005056N2JSM



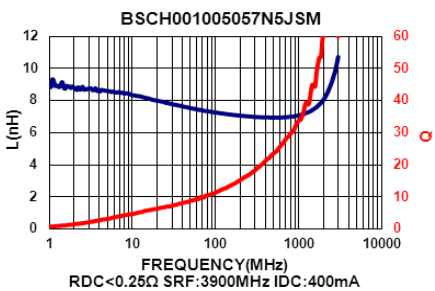

RDC<0.25Ω SRF:4300MHz IDC:400mA

BSCH001005056N8JSM



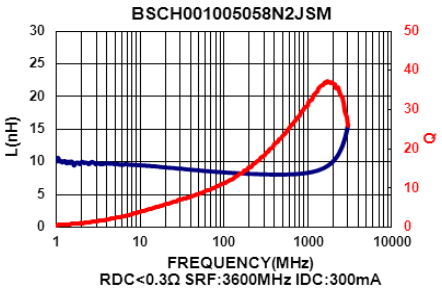

RDC<0.25Ω SRF:4200MHz IDC:400mA

BSCH001005057N5JSM



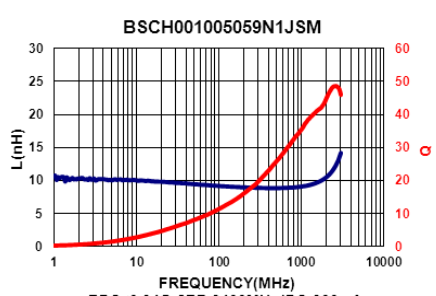

RDC<0.25Ω SRF:3900MHz IDC:400mA

BSCH001005058N2JSM



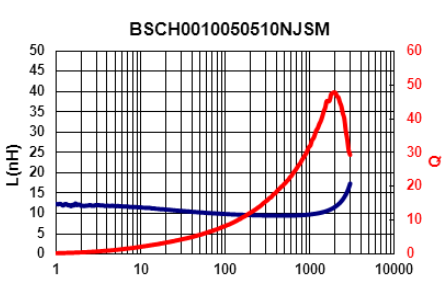

RDC<0.3Ω SRF:3600MHz IDC:300mA

BSCH001005059N1JSM



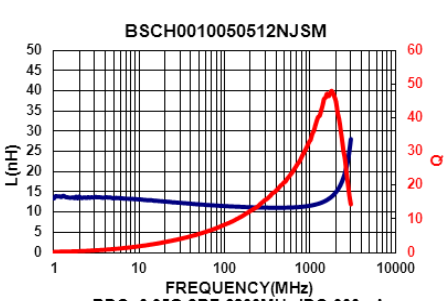

RDC<0.34Ω SRF:3400MHz IDC:300mA

BSCH0010050510NJSM




RDC<0.35Ω SRF:3200MHz IDC:300mA

BSCH0010050512NJSM




RDC<0.35Ω SRF:2800MHz IDC:300mA

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CHILISIN ELECTRONICS CORP.

## Electrical Characteristics

| Part Number | Inductance (nH) | Tolerance (±%) | Test Frequency (MHz) | Q Min | SRF (MHz) Typ. | RDC (Ω) Max | IDC (mA) Max |
|---|---|---|---|---|---|---|---|
| BSCH001608081N0S00 | 1.0 | ±0.3nH | 100 | 8 | 10000 | 0.10 | 600 |
| BSCH001608081N2S00 | 1.2 | ±0.3nH | 100 | 8 | 10000 | 0.10 | 600 |
| BSCH001608081N5S00 | 1.5 | ±0.3nH | 100 | 8 | 8000 | 0.10 | 600 |
| BSCH001608081N6S00 | 1.6 | ±0.3nH | 100 | 8 | 8000 | 0.10 | 600 |
| BSCH001608081N8S00 | 1.8 | ±0.3nH | 100 | 8 | 8000 | 0.10 | 600 |
| BSCH001608082N2S00 | 2.2 | ±0.3nH | 100 | 8 | 7200 | 0.10 | 600 |
| BSCH001608082N7S00 | 2.7 | ±0.3nH | 100 | 10 | 6200 | 0.10 | 600 |
| BSCH001608083N0S00 | 3.0 | ±0.3nH | 100 | 10 | 5200 | 0.12 | 600 |
| BSCH001608083N3□00 | 3.3 | ±0.3nH/10 | 100 | 10 | 5200 | 0.12 | 600 |
| BSCH001608083N6S00 | 3.6 | ±0.3nH | 100 | 10 | 5000 | 0.14 | 600 |
| BSCH001608083N9□00 | 3.9 | ±0.3nH/10 | 100 | 10 | 5000 | 0.14 | 600 |
| BSCH001608084N3□00 | 4.3 | ±0.3nH/10 | 100 | 10 | 4750 | 0.16 | 600 |
| BSCH001608084N7□00 | 4.7 | ±0.3nH /10 | 100 | 10 | 4750 | 0.16 | 600 |
| BSCH001608085N1□00 | 5.1 | ±0.3nH /10 | 100 | 10 | 4100 | 0.18 | 600 |
| BSCH001608085N6□00 | 5.6 | ±0.3nH/10 | 100 | 10 | 4100 | 0.18 | 600 |
| BSCH001608086N2□00 | 6.2 | 5 / 10 | 100 | 10 | 3750 | 0.22 | 600 |
| BSCH001608086N8□00 | 6.8 | 5 / 10 | 100 | 10 | 3750 | 0.22 | 600 |
| BSCH001608087N5□00 | 7.5 | 5 / 10 | 100 | 10 | 3300 | 0.24 | 600 |
| BSCH001608088N2□00 | 8.2 | 5 / 10 | 100 | 10 | 3300 | 0.24 | 600 |
| BSCH0016080810N□00 | 10 | 5 / 10 | 100 | 12 | 3000 | 0.26 | 600 |
| BSCH0016080812N□00 | 12 | 5 / 10 | 100 | 12 | 2600 | 0.28 | 600 |
| BSCH0016080815N□00 | 15 | 5 / 10 | 100 | 12 | 2500 | 0.32 | 600 |
| BSCH0016080816N□00 | 16 | 5 / 10 | 100 | 12 | 2400 | 0.35 | 600 |
| BSCH0016080818N□00 | 18 | 5 / 10 | 100 | 12 | 2400 | 0.35 | 600 |
| BSCH0016080822N□00 | 22 | 5 / 10 | 100 | 12 | 2000 | 0.40 | 500 |
| BSCH0016080827N□00 | 27 | 5 / 10 | 100 | 12 | 1900 | 0.45 | 500 |
| BSCH0016080833N□00 | 33 | 5 / 10 | 100 | 12 | 1600 | 0.55 | 400 |
| BSCH0016080839N□00 | 39 | 5 / 10 | 100 | 12 | 1400 | 0.60 | 400 |
| BSCH0016080847N□00 | 47 | 5 / 10 | 100 | 12 | 1300 | 0.70 | 400 |
| BSCH0016080856N□00 | 56 | 5 / 10 | 100 | 12 | 1100 | 0.75 | 400 |
| BSCH0016080862N□00 | 62 | 5 / 10 | 100 | 12 | 1050 | 0.85 | 400 |
| BSCH0016080868N□00 | 68 | 5 / 10 | 100 | 12 | 1050 | 0.85 | 400 |
| BSCH0016080875N□00 | 75 | 5 / 10 | 100 | 12 | 900 | 1.00 | 300 |
| BSCH0016080882N□00 | 82 | 5 / 10 | 100 | 12 | 900 | 1.00 | 300 |

**Note: When ordering, please specify tolerance code. Tolerance : S=±0.3nH , J=±5% , K=±10%**

- Operating temperature range - 55℃ ~ 125℃(Including self - temperature rise)
- IDC：Applied the current to coils, the inductance shall be less than 10% initial value
- Residual impedance of short chip : 0nH
- Measure Equipment：

  L & Q：Agilent E4991A+Agilent 16197A

  SRF：HP8753D

  RDC：HP4338B or CHEN HWA 502

Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without Chilisin approval. Please contact our sales department before ordering.

## Electrical Characteristics

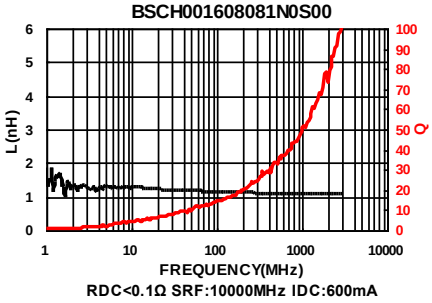
| Part Number | Inductance (nH) | Tolerance (±%) | Test Frequency (MHz) | Q Min | SRF (MHz) Typ. | RDC (Ω) Max | IDC (mA) Max |
|---|---|---|---|---|---|---|---|
| BSCH00160808R10□00 | 100 | 5 / 10 | 100 | 12 | 770 | 1.20 | 300 |
| BSCH00160808R12□00 | 120 | 5 / 10 | 50 | 8 | 650 | 1.30 | 300 |
| BSCH00160808R15□00 | 150 | 5 / 10 | 50 | 8 | 550 | 1.70 | 250 |
| BSCH00160808R18□00 | 180 | 5 / 10 | 50 | 8 | 520 | 1.90 | 250 |
| BSCH00160808R22□00 | 220 | 5 / 10 | 50 | 8 | 500 | 2.00 | 250 |
| BSCH00160808R27□00 | 270 | 5 / 10 | 50 | 8 | 470 | 2.20 | 150 |
| BSCH00160808R33□00 | 330 | 5 / 10 | 50 | 8 | 320 | 2.80 | 100 |
| BSCH00160808R39□00 | 390 | 5 / 10 | 50 | 8 | 300 | 3.00 | 100 |

**Note: When ordering, please specify tolerance code. Tolerance : S=±0.3nH , J=±5% , K=±10%**

- Operating temperature range - 55℃~125℃(Including self - temperature rise)
- IDC：Applied the current to coils, the inductance shall be less than 10% initial value
- Residual impedance of short chip : 0nH
- Measure Equipment：
  L & Q：Agilent E4991A+Agilent 16197A
  SRF：HP8753D
  RDC：HP4338B or CHEN HWA 502

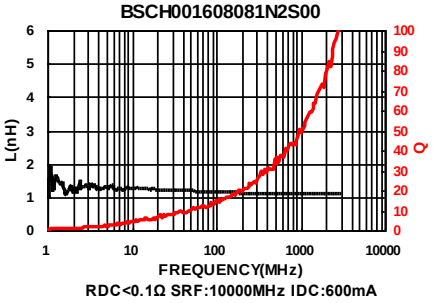
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH001608081N0S00



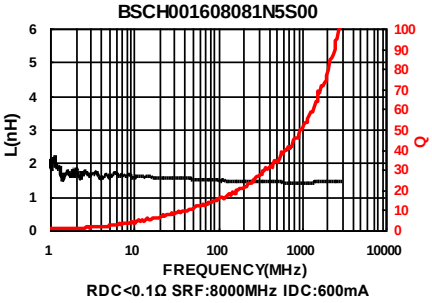

RDC<0.1Ω SRF:10000MHz IDC:600mA

BSCH001608081N2S00




RDC<0.1Ω SRF:10000MHz IDC:600mA

BSCH001608081N5S00




RDC<0.1Ω SRF:8000MHz IDC:600mA

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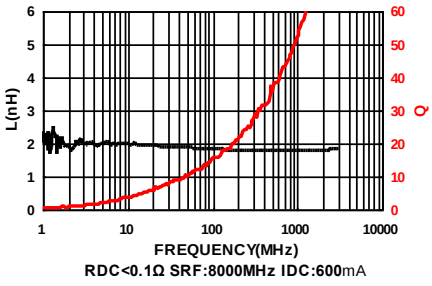
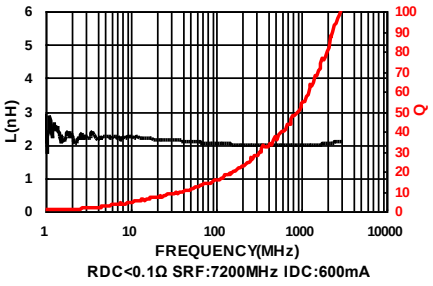



RDC<0.1Ω SRF:8000MHz IDC:600mA

BSCH001608082N2S00




RDC<0.1Ω SRF:7200MHz IDC:600mA

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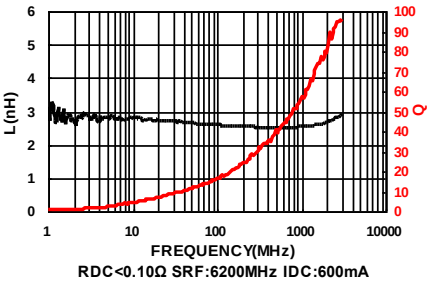


RDC<0.10Ω SRF:6200MHz IDC:600mA

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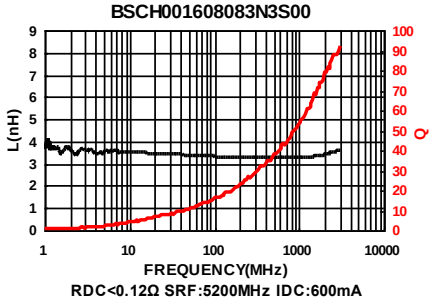


RDC<0.12Ω SRF:5200MHz IDC:600mA

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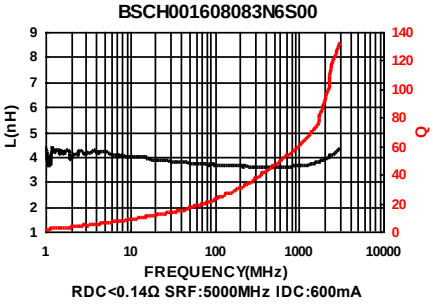


RDC<0.14Ω SRF:5000MHz IDC:600mA

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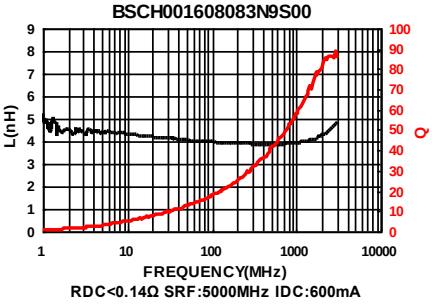


RDC<0.14Ω SRF:5000MHz IDC:600mA

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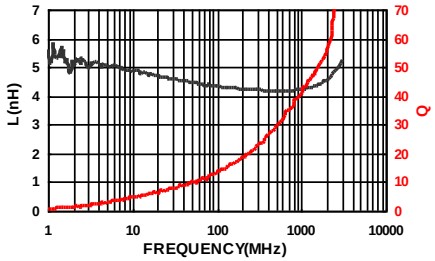
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH001608084N3S00




RDC<0.16Ω SRF:4750MHz IDC:600mA

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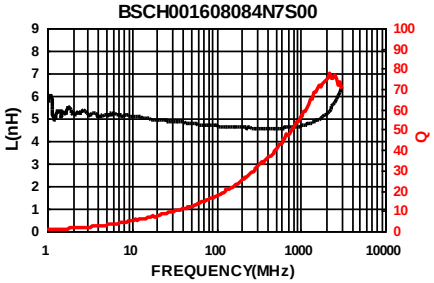


RDC<0.16Ω SRF:4750MHz IDC:600mA

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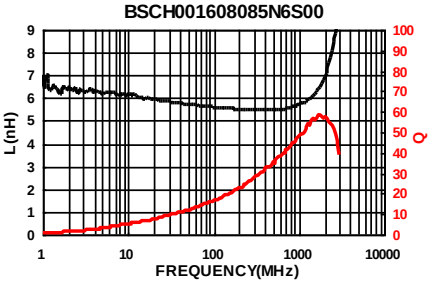


RDC<0.18Ω SRF:4100MHz IDC:600mA

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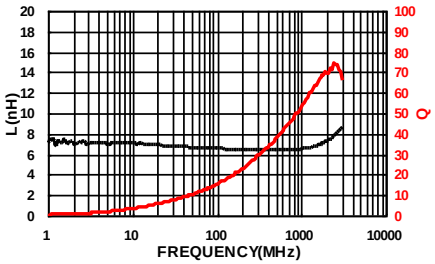


RDC<0.22Ω SRF:3750MHz IDC:600mA

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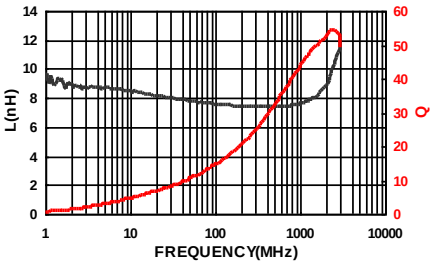


RDC<0.24Ω SRF:3300MHz IDC:600mA

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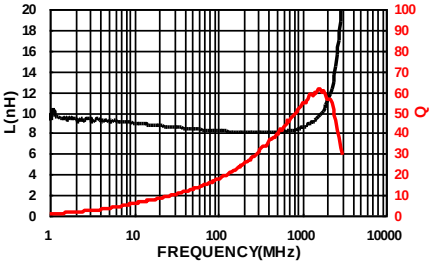


RDC<0.24Ω SRF:3300MHz IDC:600mA

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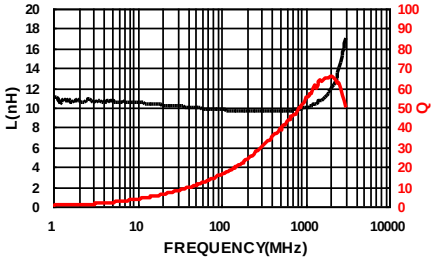


RDC<0.26Ω SRF:3000MHz IDC:600mA

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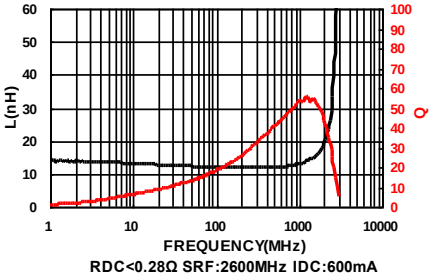


RDC<0.28Ω SRF:2600MHz IDC:600mA

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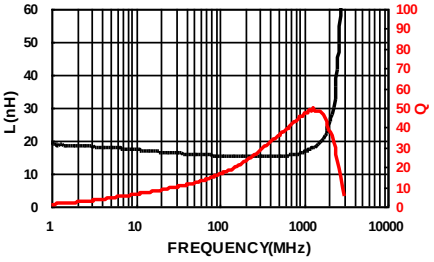


RDC<0.32Ω SRF:2400MHz IDC:600mA

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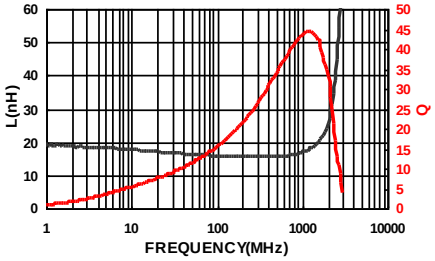


RDC<0.35Ω SRF:2400MHz IDC:600mA

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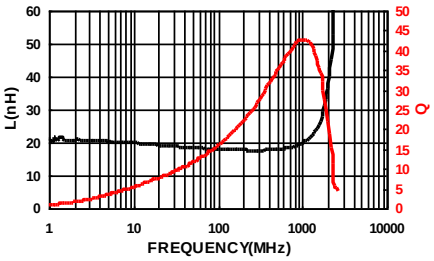


RDC<0.35Ω SRF:2400MHz IDC:600mA

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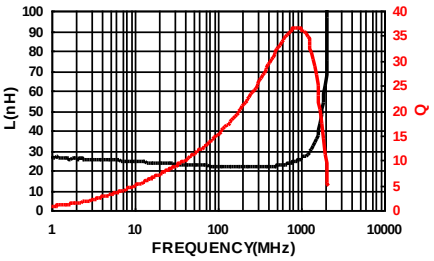


RDC<0.4Ω SRF:2000MHz IDC:500mA

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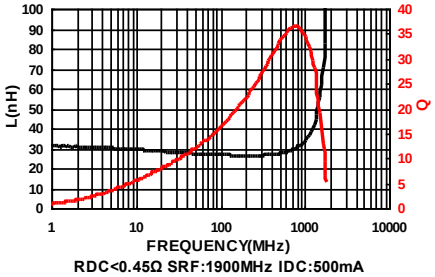


RDC<0.45Ω SRF:1900MHz IDC:500mA

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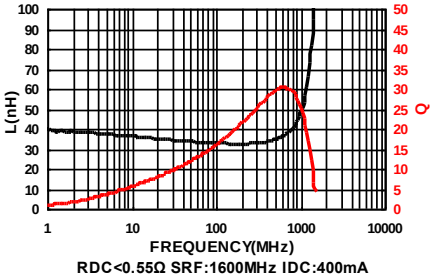


RDC<0.55Ω SRF:1600MHz IDC:400mA

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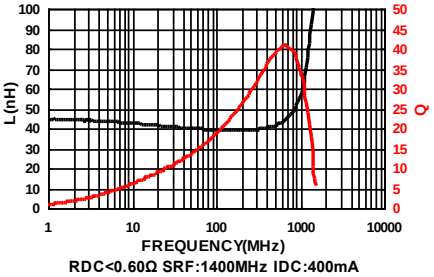


RDC<0.60Ω SRF:1400MHz IDC:400mA

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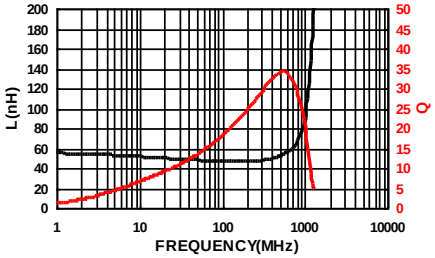
**Test Instruments**：Agilent E4991A Material/Impedance Analyzer

BSCH0016080847NJ00




RDC<0.7Ω SRF:1300MHz IDC:400mA

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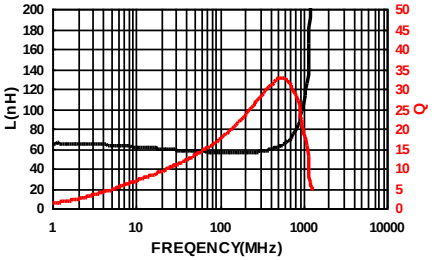


RDC<0.75Ω SRF:1100MHz IDC:400mA

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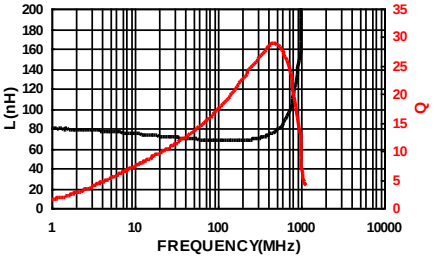


RDC<0.85Ω SRF:1050MHz IDC:400mA

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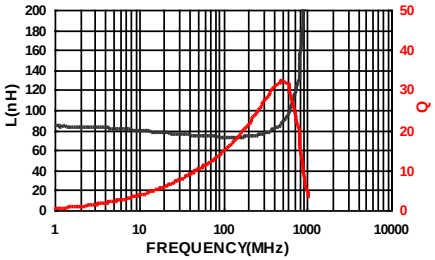


RDC<1.0Ω SRF:900MHz IDC:300mA

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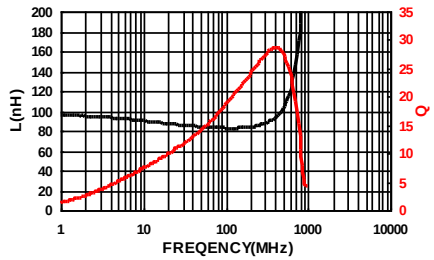


RDC<1.0Ω SRF:900MHz IDC:300mA

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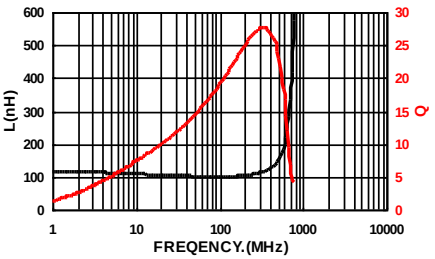


RDC<1.20Ω SRF:770MHz IDC:300mA

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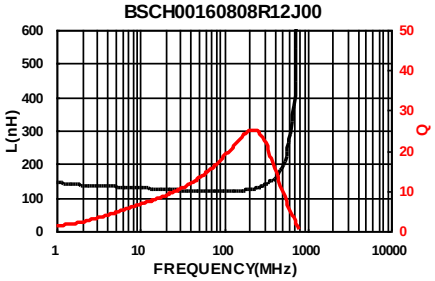


RDC<1.30 Ω SRF:650MHz IDC:300mA

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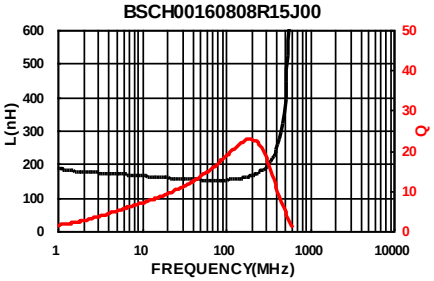


RDC<1.70 Ω SRF:550MHz IDC:250mA

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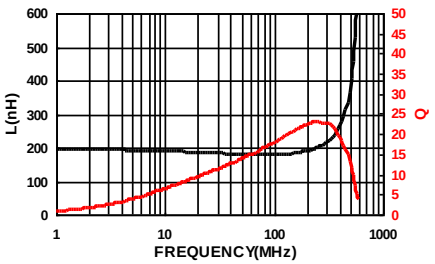


RDC<1.90 Ω SRF:520MHz IDC:250mA

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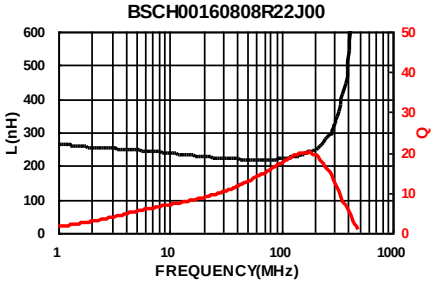


RDC<2.00 Ω SRF:500MHz IDC:250mA

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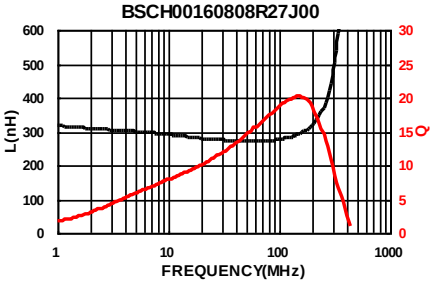


RDC<2.20 Ω SRF:470MHz IDC:150mA

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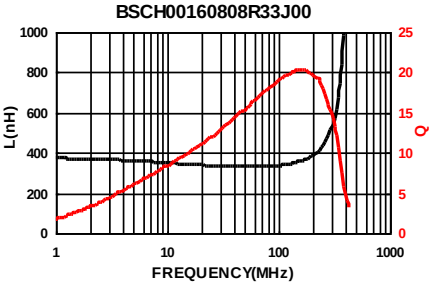


RDC<2.8 Ω SRF:320MHz IDC:100mA

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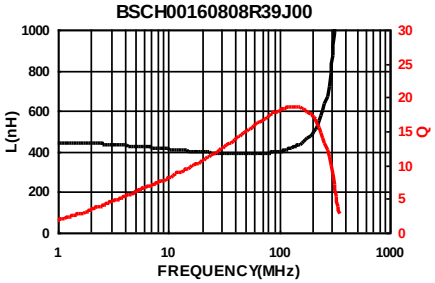


RDC<3.0 Ω SRF:300MHz IDC:100mA

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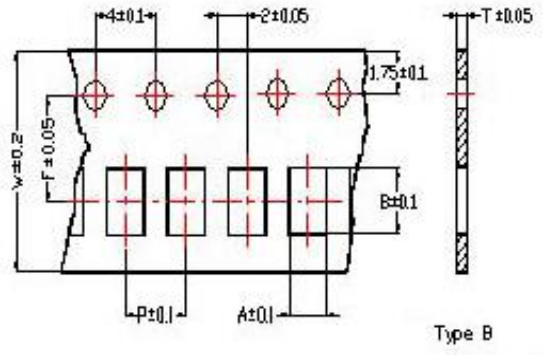
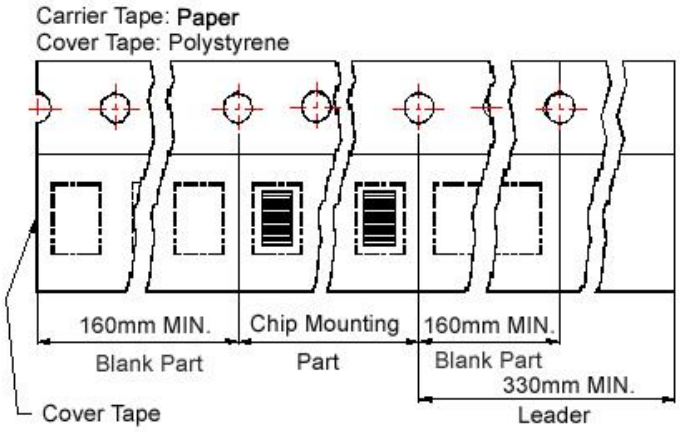
## Packaging Specifications

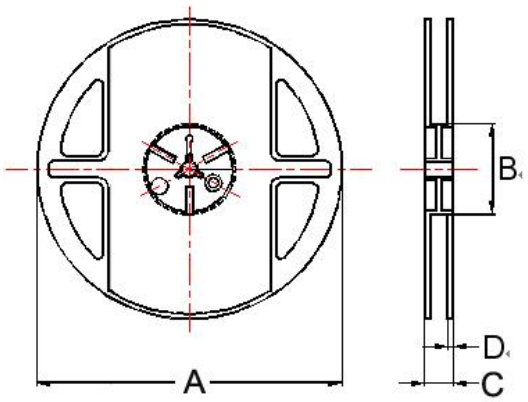
### Tape Dimensions




### Tape Material




### Reel Dimensions




**Dimensions in mm**

| TYPE | Tape Dimensions | | | | | | Reel Dimensions | | | | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | T | W | P | F | A | B | C | D | PCS / Reel |
| BSCH00060303 | 0.37 | 0.67 | 0.42 | 8 | 2 | 3.5 | 180 | 60 | 13 | 1.5 | 15000 |
| BSCH00100505 | 0.62 | 1.12 | 0.60 | 8 | 2 | 3.5 | 178 | 60 | 12 | 1.5 | 10000 |
| BSCH00160808 | 1.00 | 1.80 | 0.95 | 8 | 4 | 3.5 | 178 | 60 | 12 | 1.5 | 4000 |

# Mouser Electronics

Authorized Distributor

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Pulse:

BSCH0006030310NJ00 BSCH0006030312NJ00 BSCH0006030315NJ00 BSCH0006030318NJ00
BSCH000603031N0S00 BSCH000603031N2S00 BSCH00160808R39J00 BSCH001608088N2J00
BSCH00160808R10J00 BSCH00160808R12J00 BSCH00160808R15J00 BSCH00160808R22J00
BSCH00160808R27J00 BSCH001608084N7S00 BSCH0016080856NJ00 BSCH001608085N6S00
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