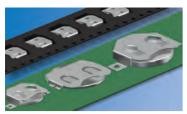
THRU HOLE (THM) & SURFACE MOUNT (SMT) COIN CELL RETAINERS



SURFACE MOUNT (SMT)

0

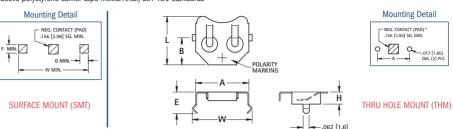
FLOW HOLE/SLOT

POLARITY

AVAILABLE ON TAPE AND REEL

Battery retainers are suited for high density PCB packaging. Engineered with reliable spring tension, these contacts assure low resistance while firmly securing the battery within the retainer.

- Compatible with all wave and reflow operations
- Solder tails located outside of retainer body which facilitates visual inspection of the solder joints
- · Flow-hole solder tail designed for increased joint strength
- Compatible with most vacuum and mechanical pick & place assembly systems
- Matte Tin Plate for lower soldering temperatures ideal where other temperature sensitive components are being used
- Tin-Nickel plated retainers are ideal for lead free, high temperature soldering applications
- All conductive polystyrene carrier tape meets ANSI/EIA-481 standards

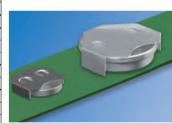


| TIN-NICKEL PLATE | | MATTE 1 | MATTE TIN PLATE | | REFER TO SURFACE MOUNT (SMT) DRAWING | | | | | | | | | |
|------------------|-------------------|------------------|-------------------|--------------|--------------------------------------|------------|------------|------------|-------------|--------------|--------------|-----------------------------------|----------------------------------|--|
| CAT. NO. BULK | ON TAPE & REEL | CAT. NO. BULK | ON TAPE & REEL | A | В | F | G | Н | L | W | CELL DIA. | BATTERY Reference | TAPE & REEL SPEC'S | |
| 3000 | 3000TR | 3080 | 3080TR | .520 (13.2) | .265 (6.7) | .125 (3.2) | .125 (3.2) | .125 (3.2) | .475 (12.1) | .745 (18.9) | 12mm | CR1216, BR1220, CL1225 | 32mm wide; 16mm pitch; 1000/reel | |
| 3012 | 3012TR | 3092 | 3092TR | .664 (16.9) | .344 (8.7) | .125 (3.2) | .125 (3.2) | .156 (4.0) | .594 (15.1) | .914 (23.2) | 16mm | BR1612, CR1616, CR1620, DL1632 | 44mm wide; 24mm pitch; 600/reel | |
| 3028 | 3028TR | 3038 | 3038TR | .831 (21.1) | .298 (7.6) | .200 (5.1) | .050 (1.3) | .067 (1.7) | .618 (15.7) | .911 (23.1) | 20mm | BR2012, CR2012, DL2012 | 44mm wide; 24mm pitch; 1000/reel | |
| 3026 | 3026TR | 3078 | 3078TR | .831 (21.1) | .416 (10.6) | .200 (5.1) | .200 (5.1) | .085 (2.2) | .782 (19.9) | 1.210 (30.7) | 20mm | BR2016, CR2016, DL2016 | 44mm wide; 24mm pitch; 1000/reel | |
| 3034 | 3034TR | 3044 | 3044TR | .835 (21.2) | .291 (7.4) | .200 (5.1) | .050 (1.3) | .160 (4.1) | .635 (16.1) | 0.915 (23.1) | 20mm | DL2020, CR2025, CR2032 | 44mm wide; 24mm pitch; 1000/reel | |
| 3002 | 3002TR | 3082 | 3082TR | .831 (21.1) | .416 (10.6) | .200 (5.1) | .200 (5.1) | .156 (4.0) | .782 (19.9) | 1.210 (30.7) | 20mm | DL2020, CR2025, CR2032 | 44mm wide; 24mm pitch; 500/reel | |
| 3004 | 3004TR | 3084 | 3084TR | .939 (23.9) | .475 (12.1) | .200 (5.1) | .200 (5.1) | .156 (4.0) | .832 (21.1) | 1.339 (34.0) | 23mm | BR2320, CL2325, CR2330, DL2335 | 56mm wide; 32mm pitch; 400/reel | |
| 3010 | 3010TR | 3090 | 3090TR | .939 (23.9) | .475 (12.1) | .200 (5.1) | .200 (5.1) | .240 (6.1) | .819 (20.8) | 1.339 (34.0) | 23mm | CR2354, DL2354 | 56mm wide; 32mm pitch; 200/reel | |
| 3032 | 3032TR | 3042 | 3042TR | 1.000 (25.4) | .313 (8.0) | .200 (5.1) | .050 (1.3) | .067 (1.7) | .681 (17.3) | 1.080 (27.4) | 24mm | BR2412, CR2412 | 44mm wide, 24mm pitch, 1000/reel | |
| 3006 | 3006TR | 3086 | 3086TR | 1.000 (25.4) | .506 (12.9) | .200 (5.1) | .200 (5.1) | .156 (4.0) | .918 (23.3) | 1.400 (35.6) | 24mm | CR2430, DL2430 | 56mm wide; 32mm pitch; 400/reel | |
| 3008 | 3008TR | 3088 | 3088TR | 1.000 (25.4) | .506 (12.9) | .200 (5.1) | .200 (5.1) | .230 (5.8) | .890 (22.6) | 1.400 (35.6) | 24mm | CR2450, DL2450 | 56mm wide; 32mm pitch; 200/reel | |

MATERIAL: .010 (.25) Phosphor Bronze

| TIN-NICKEL PLATE | REFER TO THRU HOLE MOUNT (THM) DRAWING | | | | | | | | | |
|------------------|--|-------------|-------------|------------|-------------|--------------|--------------|--|--|--|
| CAT. NO. BULK | A | В | Е | Н | L | w | CELL DIA. | BATTERY REFERENCE | | |
| 3001 | .520 (13.2) | .265 (6.7) | .210 (5.3) | .118 (3.0) | .475 (12.1) | .585 (14.9) | 12mm | BR1216, CR1216, BR1220, CL1220, CR1220, BR1225 | | |
| 3013 | .664 (16.9) | .344 (8.7) | .265 (6.7) | .156 (4.0) | .594 (15.1) | .723 (18.4) | 16mm | BR1616, CR1612, CR1616, CR1620, CR1632 | | |
| 3029 | .831 (21.1) | .298 (7.6) | .176 (4.5) | .067 (1.7) | .618 (15.7) | .890 (22.6) | 20mm | BR2012, CR2012, DL2012 | | |
| 3027 | .831 (21.1) | .416 (10.6) | .194 (4.9) | .085 (2.2) | .782 (19.9) | .890 (22.6) | 20mm | BR2016, CR2016, DL2016 | | |
| 3003 | .831 (21.1) | .416 (10.6) | .265 (6.7) | .156 (4.0) | .782 (19.9) | .890 (22.6) | 20mm | BR2016, DL2020, CR2320, CR2025, CR2032 | | |
| 3005 | .939 (23.9) | .475 (12.1) | .265 (6.7) | .156 (4.0) | .832 (21.1) | 1.004 (25.5) | 23mm | BR2320, CL2330, CR2320, BR2325, CR2325, DL2325 | | |
| 3011 | .939 (23.9) | .475 (12.1) | .351 (8.9) | .240 (6.1) | .819 (20.8) | 1.004 (25.5) | 23mm | CR2354, DL2354 | | |
| 3033 | 1.000 (25.4) | .313 (8.0) | .176 (4.5) | .067 (1.7) | .681 (17.3) | 1.055 (26.8) | 24mm | BR2412, CR2412 | | |
| 3007 | 1.000 (25.4) | .506 (12.9) | .265 (6.7) | .156 (4.0) | .918 (23.3) | 1.055 (26.8) | 24mm | CR2430, DL2430 | | |
| 3009 | 1.000 (25.4) | .506 (12.9) | .350 (8.9) | .230 (5.8) | .890 (22.5) | 1.059 (26.9) | 24mm | CR2450, DL2450 | | |
| 3039 | 1.000 (25.4) | .506 (12.9) | .450 (11.4) | .336 (8.5) | .890 (22.5) | 1.059 (26.9) | 24mm | CR2477, DL2477 | | |

AVAILABLE ON TAPE AND REEL



6 volt applicatins. See page 4.

THRU HOLE MOUNT (THM)

Snap-In

contact

.212 [5.4]

.308 [7.8]

.373 [9.5]

.250 [6.4] DIA

Assures proper

.128 [3.3]

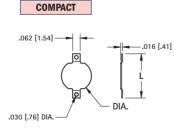
Mounting Detail

O 2.073 [1.9] DIA. (2) PLS

NEGATIVE BATTERY CONTACTS*

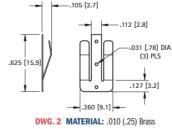
Assures proper contact
 Pad Layout





DWG. 1 MATERIAL: .008 (.20) Brass





SPRING CONTACT

| TIN-NICKEL PLATE MATTE TIN PLA | | | IN PLATE | | | | | | |
|--------------------------------|-------------------|------|----------|------|-------------|------------|-------------------------------------|--|--|
| CAT. NO. BULK | ON TAPE & REEL | | | DWG. | | DIA. | TAPE & REEL SPECS | | |
| | | | | | 200 (0.4) | | | | |
| 2991 | 2991TR | | 2981TR | - | .368 (9.4) | .250 (6.4) | 16mm wide, 8mm pitch, 1500/7 reel | | |
| 2992 | 2992TR | 2982 | 2982TR | 1 | .289 (7.4) | .186 (4.7) | 16mm wide, 12mm pitch, 1000/7 reel | | |
| 2993 | 2993TR | 2983 | 2982TR | 2 | .625 (15.9) | ı | 24mm wide, 16mm pitch, 1000/13 reel | | |
| | | | | | | | | | |

*Note: Cannot be used with Ultra Low Profile Retainers: Cat. No. 3028, 3029, 3032, 3033, 3038 & 3042





[2.01]

MATERIAL: .008 (.20) Phosphor Bronze, Tin-Nickel Plate

CAT. NO. 2990

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Keystone Electronics:

3006 3001 3005 3002 3004 3007 3000 3008 3003 3000TR 2990 3013 3011 3002TR 3004TR 3006TR
3008TR 3009 3010 3010TR 3012 3012TR 3026 2993 3027 3078 3078TR 3080 3080TR 3082 3082TR 3084
3084TR 3086 3086TR 3088 3088TR 3090 3090TR 3092 3092TR 2981 2981TR 2982 2982TR 2983
2983TR 2993TR 3026TR 3028 3028TR 3029 3032 3032TR 3033 3034TR 3038 3038TR 3039 3042 3042TR
3044 3044TR 2991 2991TR 2992 2992TR 3034