



## SMD INDUCTOR DR337-2 SERIES

### Features

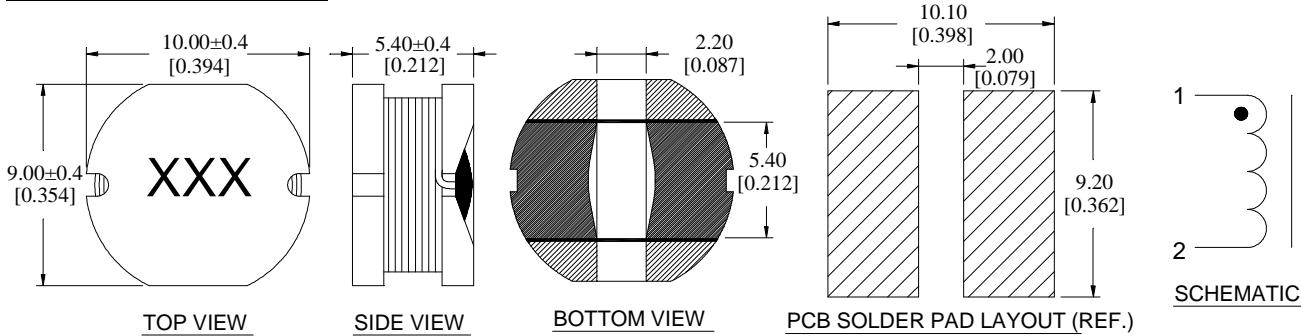
- Low Profile Surface Mount Design
- Inductance Range from 8.2 $\mu$ H to 1200 $\mu$ H
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 6)



### ELECTRICAL SPECIFICATIONS AT 25°C

| PART No.    | INDUCTANCE ( $\mu$ H)     | DCR ( $\Omega$ ) Max. | RATED CURRENT (A) Max. |
|-------------|---------------------------|-----------------------|------------------------|
| DR337-2-822 | 8.2 ± 20% @ 7.96MHz, 0.1V | 0.05                  | 2.70                   |
| DR337-2-103 | 10 ± 20% @ 2.52MHz, 0.1V  | 0.06                  | 2.60                   |
| DR337-2-123 | 12 ± 20% @ 2.52MHz, 0.1V  | 0.07                  | 2.45                   |
| DR337-2-153 | 15 ± 20% @ 2.52MHz, 0.1V  | 0.08                  | 2.27                   |
| DR337-2-183 | 18 ± 20% @ 2.52MHz, 0.1V  | 0.09                  | 2.15                   |
| DR337-2-223 | 22 ± 20% @ 2.52MHz, 0.1V  | 0.10                  | 1.95                   |
| DR337-2-253 | 25 ± 20% @ 2.52MHz, 0.1V  | 0.10                  | 1.85                   |
| DR337-2-273 | 27 ± 20% @ 2.52MHz, 0.1V  | 0.11                  | 1.76                   |
| DR337-2-333 | 33 ± 20% @ 2.52MHz, 0.1V  | 0.13                  | 1.56                   |
| DR337-2-393 | 39 ± 20% @ 2.52MHz, 0.1V  | 0.14                  | 1.37                   |
| DR337-2-473 | 47 ± 10% @ 2.52MHz, 0.1V  | 0.17                  | 1.28                   |
| DR337-2-563 | 56 ± 10% @ 2.52MHz, 0.1V  | 0.19                  | 1.17                   |
| DR337-2-683 | 68 ± 10% @ 2.52MHz, 0.1V  | 0.22                  | 1.11                   |
| DR337-2-823 | 82 ± 10% @ 2.52MHz, 0.1V  | 0.25                  | 1.00                   |
| DR337-2-104 | 100 ± 10% @ 1kHz, 0.1V    | 0.35                  | 0.97                   |
| DR337-2-124 | 120 ± 10% @ 1kHz, 0.1V    | 0.41                  | 0.89                   |
| DR337-2-154 | 150 ± 10% @ 1kHz, 0.1V    | 0.47                  | 0.78                   |
| DR337-2-184 | 180 ± 10% @ 1kHz, 0.1V    | 0.63                  | 0.72                   |
| DR337-2-224 | 220 ± 10% @ 1kHz, 0.1V    | 0.73                  | 0.66                   |
| DR337-2-274 | 270 ± 10% @ 1kHz, 0.1V    | 0.97                  | 0.57                   |
| DR337-2-334 | 330 ± 10% @ 1kHz, 0.1V    | 1.15                  | 0.52                   |
| DR337-2-394 | 390 ± 10% @ 1kHz, 0.1V    | 1.30                  | 0.48                   |
| DR337-2-474 | 470 ± 10% @ 1kHz, 0.1V    | 1.48                  | 0.42                   |
| DR337-2-564 | 560 ± 10% @ 1kHz, 0.1V    | 1.90                  | 0.33                   |
| DR337-2-684 | 680 ± 10% @ 1kHz, 0.1V    | 2.25                  | 0.28                   |
| DR337-2-824 | 820 ± 10% @ 1kHz, 0.1V    | 2.55                  | 0.24                   |
| DR337-2-125 | 1200 ± 10% @ 1kHz, 0.1V   | 3.0                   | 0.35                   |

### MECHANICAL OUTLINES



### NOTES:

1. All dimensions are shown in millimeters "mm" [inches "in"].
2. General tolerance ±0.25mm [0.010 in.], unless otherwise specified.
3. Tape and reel quantity, 750 pcs/reel.
4. Terminal finish is compliant to RoHS requirements
5. Solder in accordance with J-STD-002 Rev. D
6. Non-RoHS series parts 42-337-2-XXX are finished with leaded solder Sn60Pb40 or equivalent