

INDUCTORS

FOR POWER LINE SMD

SPI-04010RNEF-SERIES

FEATURES

1. Low profile and small size (Height=1.00mm Max)
2. High current capacity, Large terminal surface for good PCB bonding



APPLICATIONS

1. Digital Camera, Portable CDR-W, Camcorder and others

ELECTRICAL CHARACTERISTICS

| Part Number | L \pm 20% (uH) | Marking | DCR(Ω) MAX | IDC(A)(Max) |
|-------------------|------------------|---------|------------|-------------|
| SPI-04010RNEF-1R0 | 1.0 | A | 0.120 | 3.00 |
| 2R2 | 2.2 | B | 0.180 | 2.40 |
| 3R3 | 3.3 | C | 0.216 | 1.80 |
| 4R7 | 4.7 | D | 0.252 | 1.45 |
| 5R6 | 5.6 | E | 0.336 | 1.35 |
| 6R8 | 6.8 | F | 0.360 | 1.20 |
| 8R2 | 8.2 | G | 0.432 | 1.15 |
| 100 | 10 | H | 0.456 | 1.05 |
| 150 | 15 | I | 0.612 | 0.90 |
| 220 | 22 | J | 1.044 | 0.70 |
| 330 | 33 | K | 1.848 | 0.55 |
| 470 | 47 | L | 2.172 | 0.45 |

Note1. Measurement frequency of Inductance value : at 1MHz

Note2. Measurement ambient temperature of L, DCR and IDC : at 25°C

Note3. IDC : $\Delta L/L \leq 20\%$ (This indicates the value of current when the inductances is 20% lower than its initial value at D.C. superimposition.(Ta=20°C))

Note4. Packaging: Taping ; Quantity : 1000 Piece/reel

DIMENSIONS(Unit:mm)

