

Multilayer Chip Inductor Size 1608

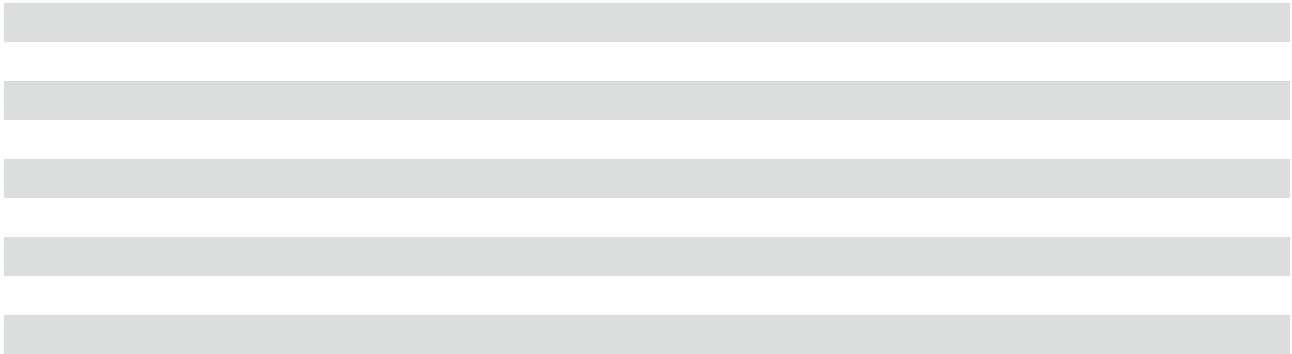
- Monolithic inorganic material construction.
 - Closed magnetic circuit avoids crosstalk.
 - Shapes and dimensions follow E.I.A. spec and available in various sizes.
 - Excellent solder ability and heat resistance.
 - AEC-Q200 qualified
 - Lead-free reflow soldering as referenced in JEDEC J-STD 020D and RoHS compliant
 - Operating Temperature: -55~+125°C (Including self-temperature)
 - Quantity: 4000 pcs
-
- Filter switches
 - Oscillators
 - T- or -Filter
 - Automotive equipment

Dimensions: [mm]



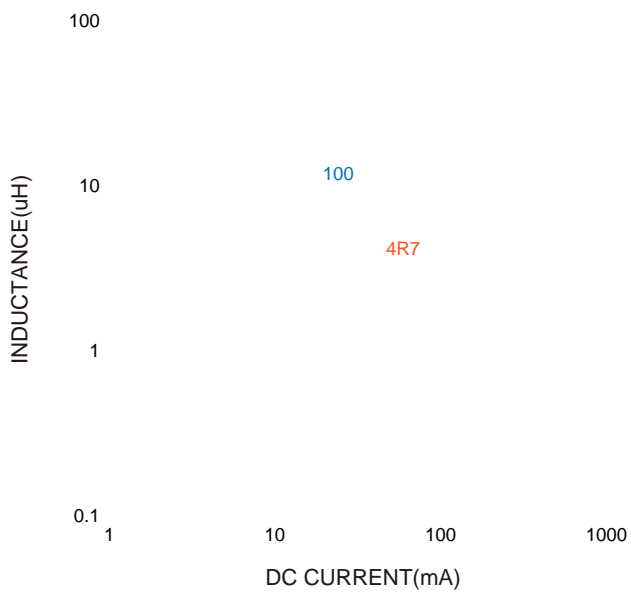
Electrical Properties:

| | (μ H) | | (Hz) | | Q (MHz) | (mA) | () | (MHz) |
|--------------|------------|------------|----------|----|---------|------|------|-------|
| MIV1608-47NK | 0.047 | $\pm 10\%$ | 60mV/50M | 10 | 50 | 50 | 0.30 | 260 |
| MIV1608-68NK | 0.068 | $\pm 10\%$ | 60mV/50M | 10 | 50 | 50 | 0.30 | 250 |
| MIV1608-82NK | 0.082 | $\pm 10\%$ | 60mV/50M | 10 | 50 | 50 | 0.30 | 245 |
| MIV1608-R10K | 0.10 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 50 | 0.50 | 240 |
| MIV1608-R12K | 0.12 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 50 | 0.50 | 205 |
| MIV1608-R15K | 0.15 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 50 | 0.60 | 180 |
| MIV1608-R18K | 0.18 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 50 | 0.60 | 165 |
| MIV1608-R22K | 0.22 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 50 | 0.80 | 150 |
| MIV1608-R27K | 0.27 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 50 | 0.80 | 136 |
| MIV1608-R33K | 0.33 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 35 | 0.85 | 125 |
| MIV1608-R39K | 0.39 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 35 | 1.00 | 110 |
| MIV1608-R47K | 0.47 | $\pm 10\%$ | 60mV/25M | 15 | 25 | 35 | 1.35 | 105 |



Typical Electrical Characteristics:

Inductance VS. DC Current Characteristics:



Q VS. Frequency Characteristics:

