

MIV Series

Multilayer Chip Inductor

Size 1608

FEATURES

- 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

APPLICATION

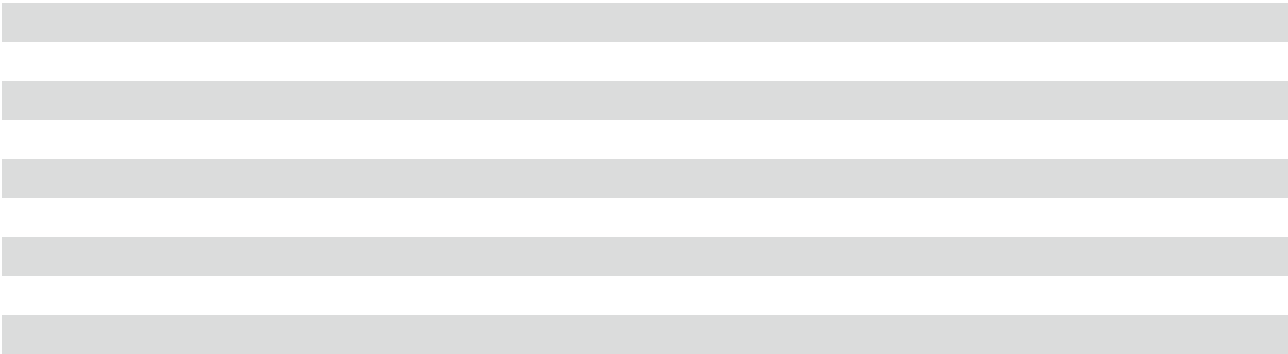
- Filter switches
- Oscillators
- T- or π -Filter
- Automotive equipment

Dimensions: [mm]



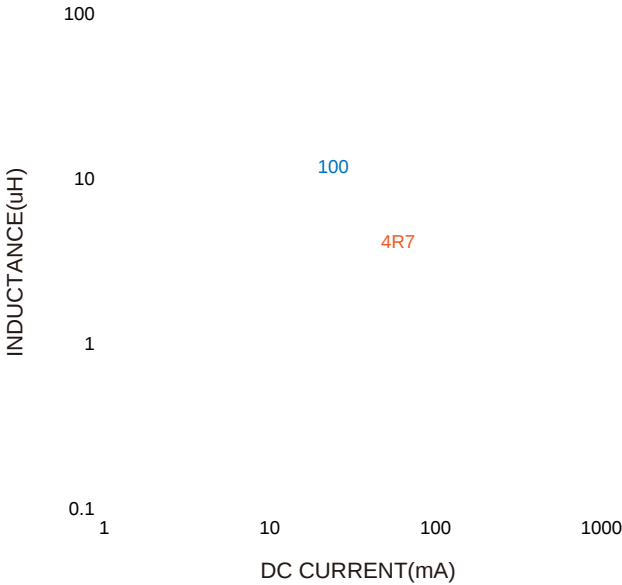
Electrical Properties:

Part Number	Inductance (nH)	Inductance Tolerance (%)	DC Resistance (mΩ)	Q Factor	Self-Resonant Frequency (MHz)	Temperature Coefficient (ppm/°C)	Operating Temperature (°C)	Quantity (pcs)
MIV1608-47NK	0.047	±10%	60mV/50M	10	50	50	0.30	260
MIV1608-68NK	0.068	±10%	60mV/50M	10	50	50	0.30	250
MIV1608-82NK	0.082	±10%	60mV/50M	10	50	50	0.30	245
MIV1608-R10K	0.10	±10%	60mV/25M	15	25	50	0.50	240
MIV1608-R12K	0.12	±10%	60mV/25M	15	25	50	0.50	205
MIV1608-R15K	0.15	±10%	60mV/25M	15	25	50	0.60	180
MIV1608-R18K	0.18	±10%	60mV/25M	15	25	50	0.60	165
MIV1608-R22K	0.22	±10%	60mV/25M	15	25	50	0.80	150
MIV1608-R27K	0.27	±10%	60mV/25M	15	25	50	0.80	136
MIV1608-R33K	0.33	±10%	60mV/25M	15	25	35	0.85	125
MIV1608-R39K	0.39	±10%	60mV/25M	15	25	35	1.00	110
MIV1608-R47K	0.47	±10%	60mV/25M	15	25	35	1.35	105



Typical Electrical Characteristics:

Inductance VS. DC Current Characteristics:



Q VS. Frequency Characteristics:

