MIV Series

Multilayer Chip Inductor
Size 1608

FEATURES

- Monolithic inorganic material construc on.
- Closed magne c 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
- Opera ng Temperature: -55~+125℃ (Including self-temperature)
- Quan ty: 4000 pcs

APPLICATION

- Filter switches
- Oscillators
- T- or π-Filter
- Automo ve equipment

Dimensions: [mm]

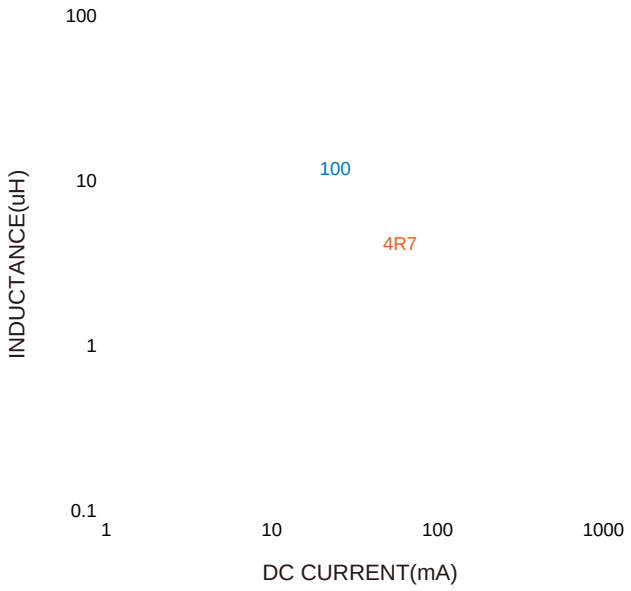


Electrical Properties:

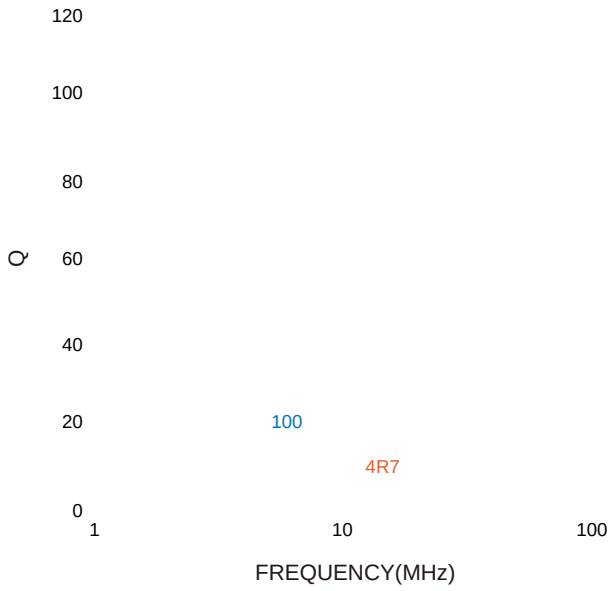
Part No	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q Min.	Test Frequency Q (MHz)	Temperature Rise Current Max. (mA)	DC Resistance Max. (Ω)	SRF Min. (MHz)
MIV1608-47NK	0.047	±10%	60mV/50M	10	50	50	0.30	260
MIV1608-68NK	0.068	±10%	60mV/50M	10	50	50	0.30	250
MIV1608-82NK	0.082	±10%	60mV/50M	10	50	50	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:



KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com