MIV Series

Multilayer Chip Inductor
Size 1005

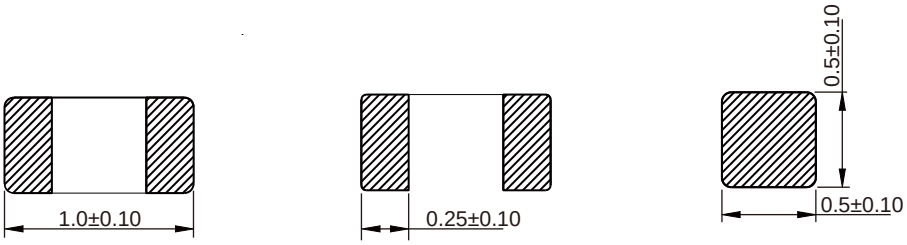
FEATURES

- 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: 10000 pcs

APPLICATION

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

Dimensions: [mm]



Electrical Properties:

Part No	Inductance	Tolerance	Test Frequency	Q Min.	Test Frequency	Temperature Rise Current Max.	DC Resistance Max.	SRF Min.
MIV1005-1R0K	1.0	±10%	60mV/10M	20	10	15	0.90	40
MIV1005-1R8K	1.8	±10%	60mV/10M	20	10	15	1.45	30
MIV1005-2R2K	2.2	±10%	60mV/10M	20	10	10	1.70	28

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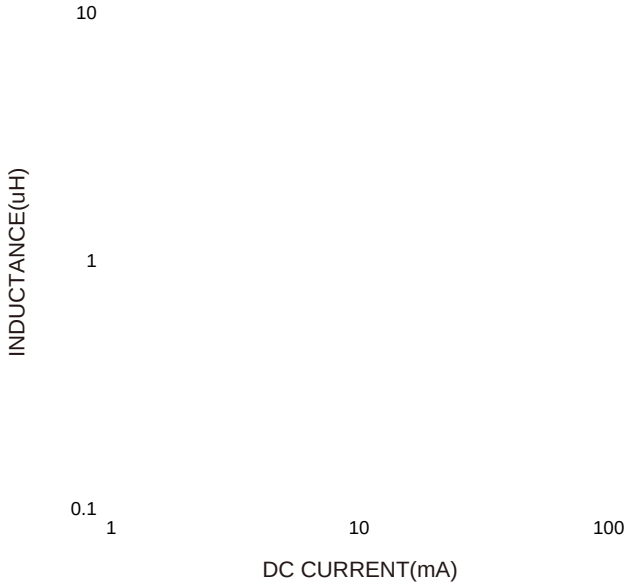
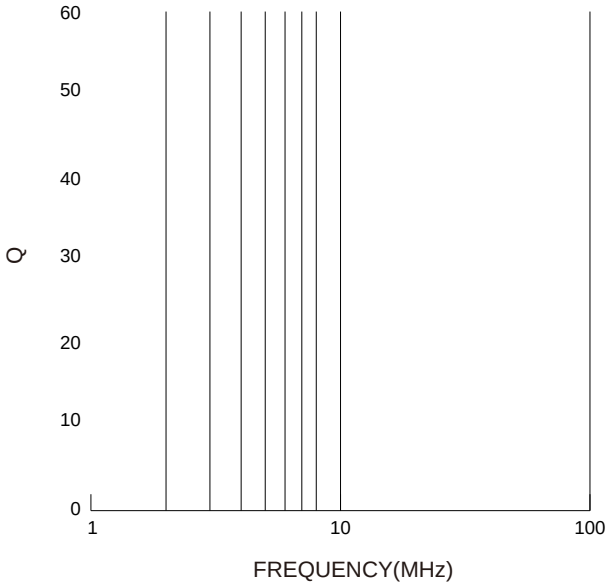
Typical Electrical Characteristics:

Inductance VS. DC Current Characteristics:



Q VS. Frequency Characteristics:



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