

MIV Series
Multilayer Chip Inductor
Size 3216



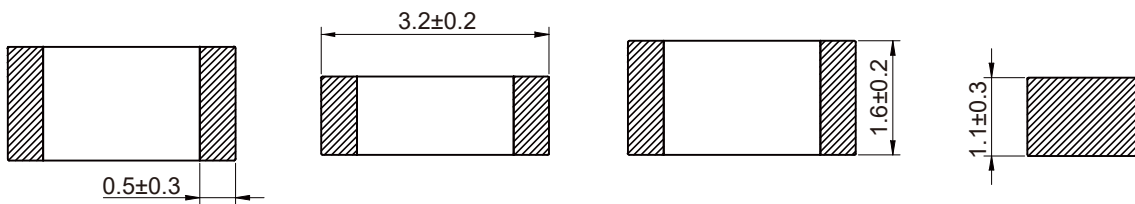
FEATURES

- 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: 3000 pcs

APPLICATION

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

Dimensions: [mm]

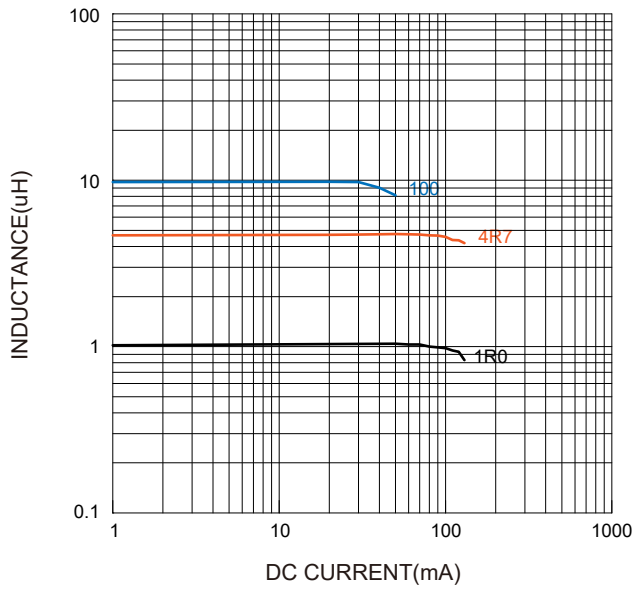


Electrical Properties:

Part No	Inductance (uH)	Tolerance	Q Min.	Test Frequency Q (MHz)	Temperature Rise Current Max. (mA)	DC Resistance Max. (Ω)	SRF Min. (MHz)
MIV3216-1R0K	1.0	±10%	45	10	100	0.40	75
MIV3216-2R2K	2.2	±10%	45	10	50	0.60	50
MIV3216-4R7K	4.7	±10%	45	10	50	0.90	35
MIV3216-100K	10.0	±10%	50	2	25	1.00	24

Typical Electrical Characteristics:

Inductance VS. DC Current Characteristics:



Q VS. Frequency Characteristics:

