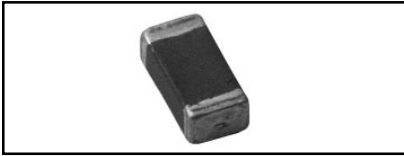


Multilayer Ferrite Beads



FEATURES

- High reliability.
- Surface mountable.
- Temperature range: - 55°C to + 125°C.

MECHANICAL SPECIFICATIONS

Solderability: 95% coverage after 5 second dip in + 230°C solder following a 60 second pre-heat @ + 120°C and unactivated flux dip.

Resistance to Solder Heat: 10 seconds in + 260°C solder after pre-heat and flux dip.

Terminal Strength: 2.2 pounds (1 kilogram) minimum applied perpendicular to .126" [3.20mm] dimension for 30 seconds.

Beam Strength: 4.4 pounds (2 kilograms) minimum for 5 seconds.

NOTE: Impedance will remain $\pm 20\%$ of initial reading and no physical defects shall be observed.

ENVIRONMENTAL SPECIFICATIONS

Thermal Shock: 50 cycles, - 55°C to + 125°C.

Humidity: 90% RH @ + 40°C with 200mA DC current, 500 hours.

Load Life: + 90°C @ full rated current for 2000 hours.

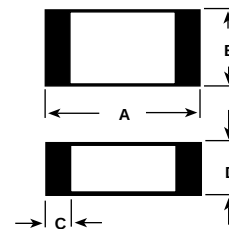
NOTE: Impedance will vary no more than $\pm 20\%$ from initial.

STANDARD ELECTRICAL SPECIFICATIONS

IMPEDANCE (Ohms)	TOL.	FREQUENCY (MHz)	DCR MAX. (Ohms)	RATED DC CURRENT (mA)
19	$\pm 25\%$	100	0.05	500
26	$\pm 25\%$	100	0.05	500
31	$\pm 25\%$	100	0.05	500
50	$\pm 25\%$	100	0.10	350
70	$\pm 25\%$	100	0.15	250
120	$\pm 25\%$	100	0.20	250
150	$\pm 25\%$	100	0.20	250
300	$\pm 25\%$	100	0.30	250
500	$\pm 25\%$	100	0.50	200
600	$\pm 25\%$	100	0.50	200

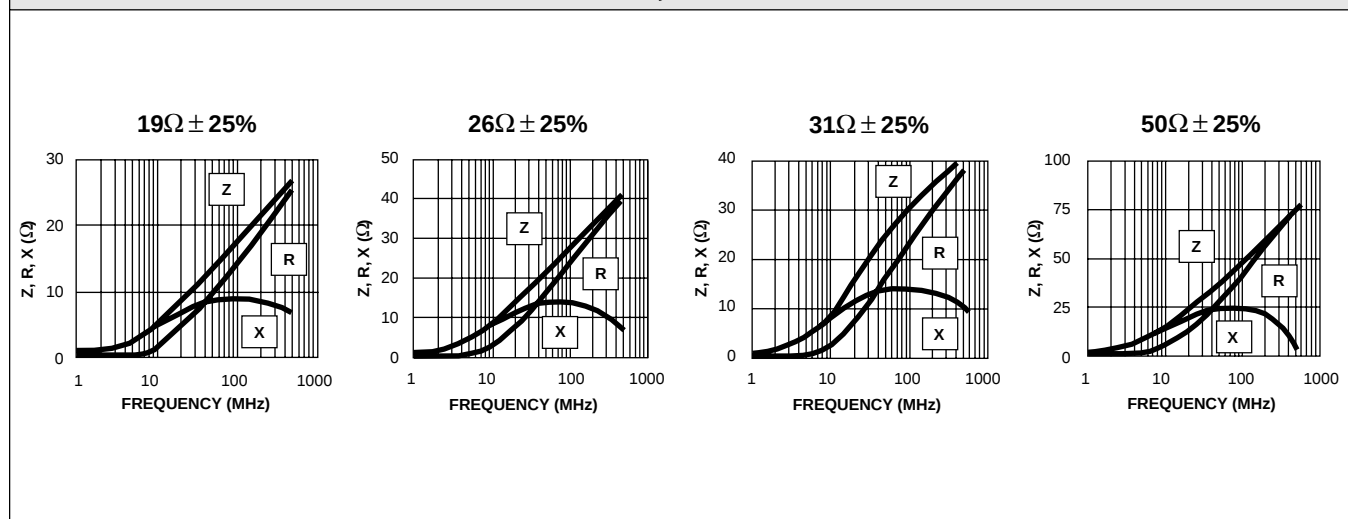
DIMENSIONAL CONFIGURATIONS

[Numbers in brackets indicate millimeters]

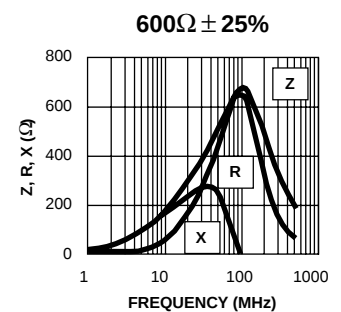
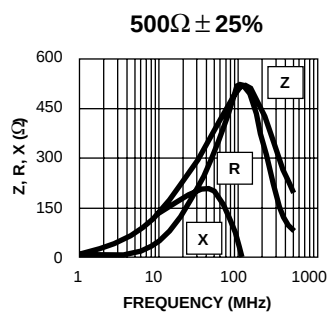
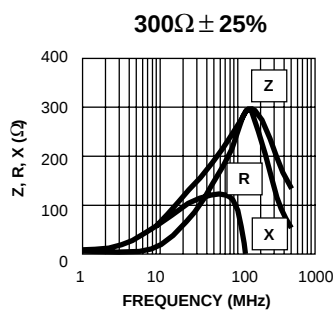
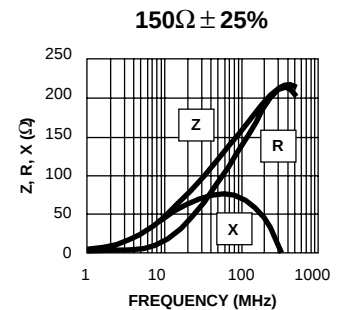
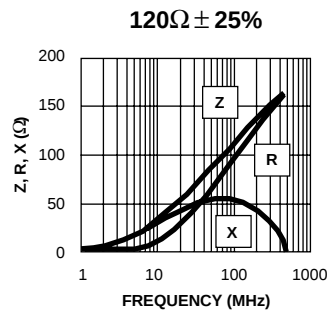
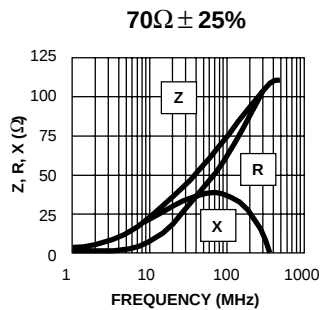


A	B	C	D
.126 $\pm$.008 [3.20 $\pm$ 0.2]	.063 $\pm$.008 [1.6 $\pm$ 0.2]	.020 $\pm$.012 [0.5 $\pm$ 0.3]	.043 $\pm$.008 [1.09 $\pm$ 0.2]

TYPICAL CURVES - FREQUENCY CHARACTERISTICS OF Z, X AND R



TYPICAL CURVES - FREQUENCY CHARACTERISTICS OF Z, X AND R



HOW TO ORDER

ILB-1206	19Ω	± 25%
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE

PACKAGING OPTIONS

- Bulk: 1,000 pieces per plastic bag.
- Tape and Reel: Paper carrier tape, 3000 pieces per reel.

TAPE AND REEL SPECIFICATIONS

