

MB1005 SERIES ~ Multilayer Chip Beads / Ferrite Chip Beads

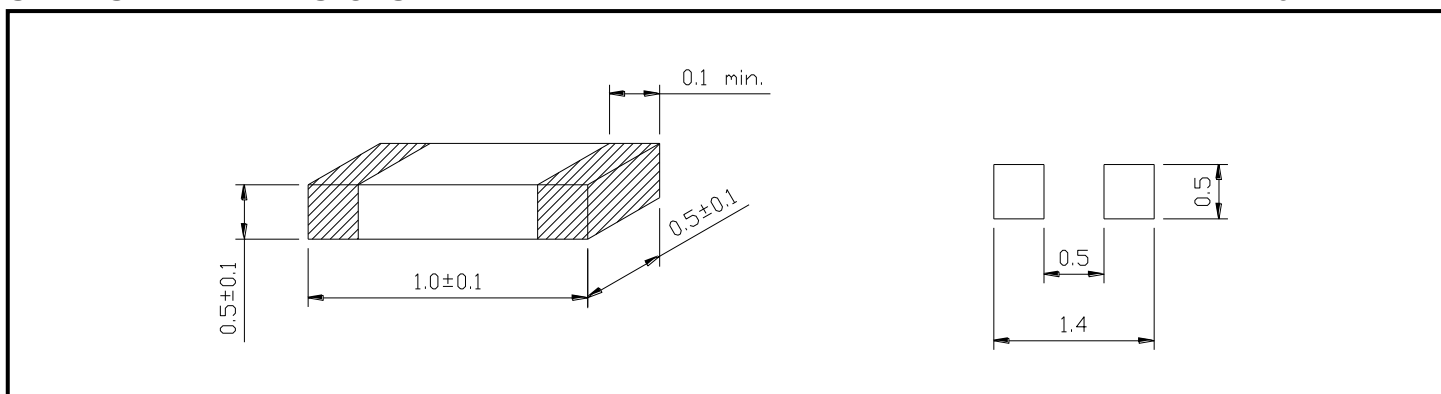


PART NUMBERING SYSTEM

MB	1005	—	151	—	LF
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



SPECIFICATION TABLE

PART NUMBER	IMPEDANCE (Ω)	DCR (Ω)	IDC (mA)
	at 100MHz	(max)	(max)
MB1005-100-LF	10±25%	0.05	500
MB1005-300-LF	30±25%	0.20	300
MB1005-600-LF	60±25%	0.40	200
MB1005-700-LF	70±25%	0.40	200
MB1005-800-LF	80±25%	0.40	200
MB1005-101-LF	100±25%	0.45	200
MB1005-121-LF	120±25%	0.50	200
MB1005-151-LF	150±25%	0.60	200
MB1005-181-LF	180±25%	0.65	100
MB1005-241-LF	220±25%	0.70	100
MB1005-301-LF	300±25%	0.75	100
MB1005-331-LF	330±25%	0.75	100
MB1005-471-LF	470±25%	0.90	100
MB1005-601-LF	600±25%	1.10	50
MB1005-102-LF	1000±25%	1.50	50

● Operating temperature range -55°C to +125°C, Electrical specifications at 25°C.

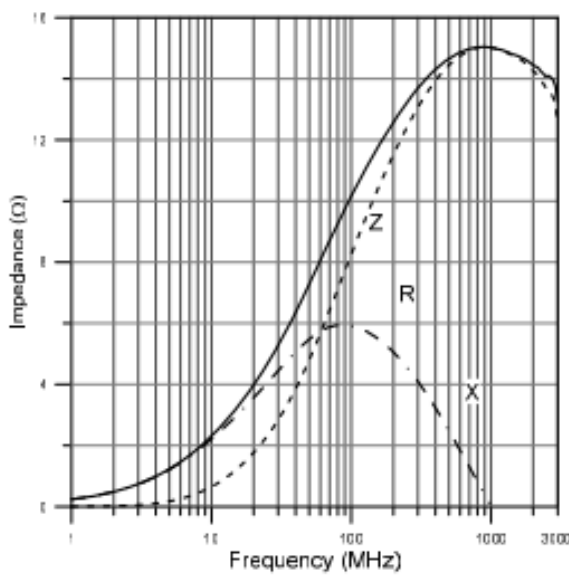


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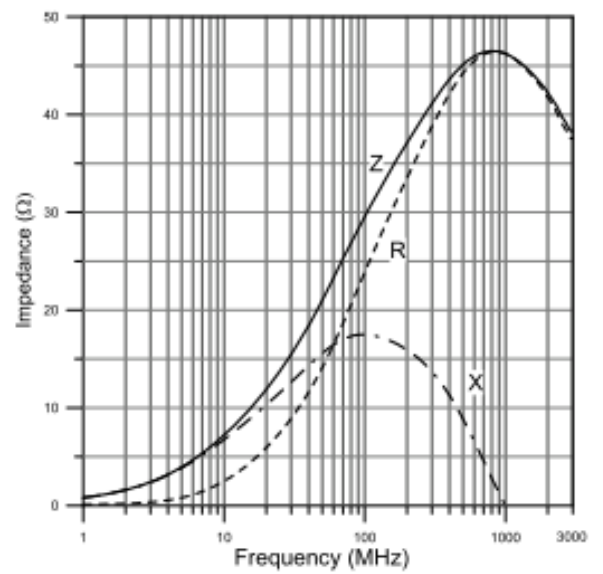


IMPEDANCE vs FREQUENCY

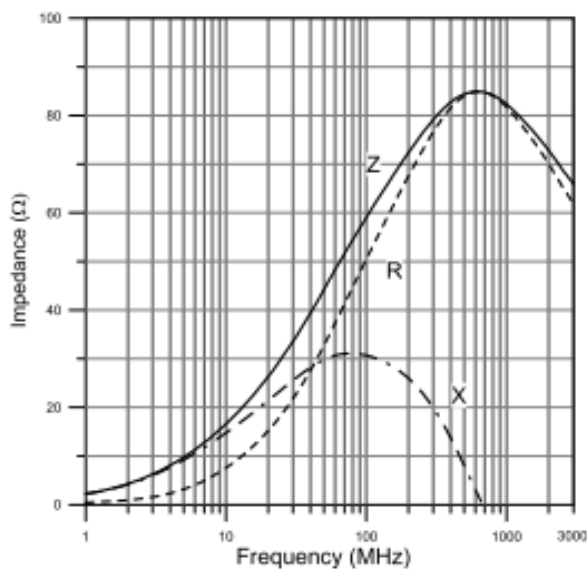
MB1005-100-LF



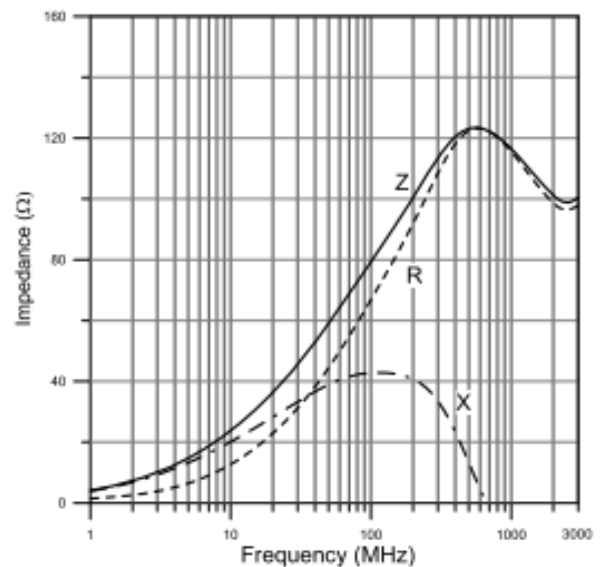
MB1005-300-LF



MB1005-600-LF



MB1005-800-LF



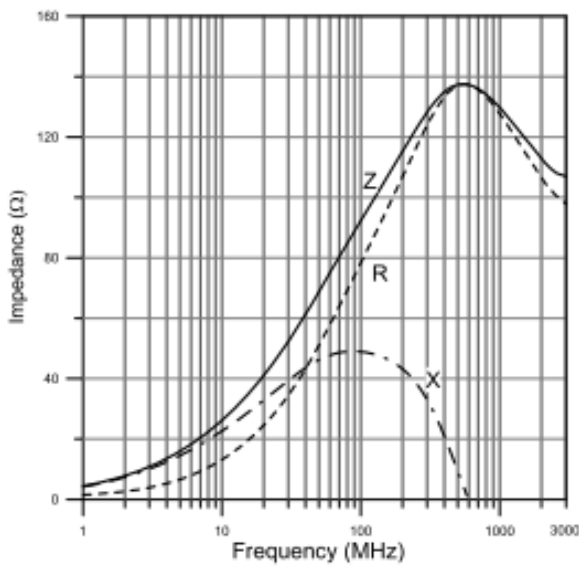


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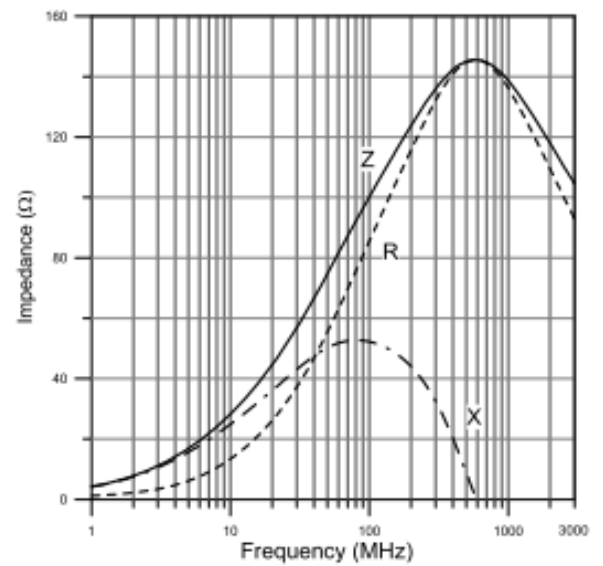


IMPEDANCE vs FREQUENCY

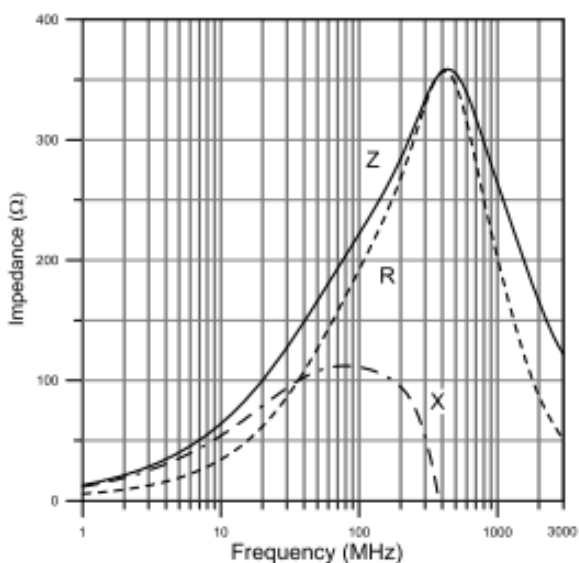
MB1005-101-LF



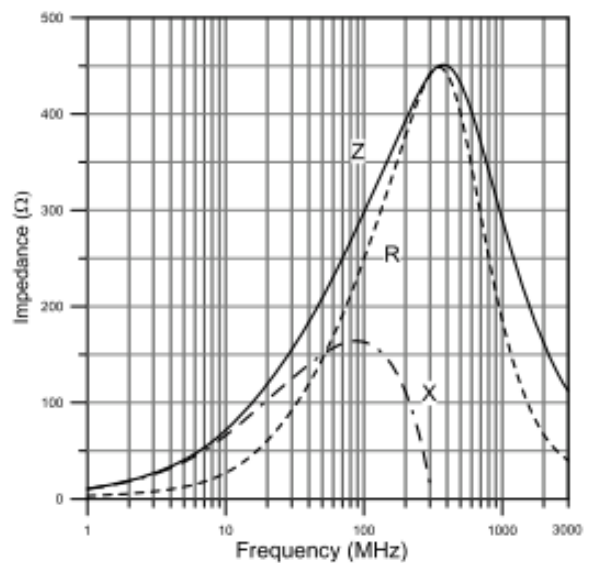
MB1005-121-LF



MB1005-221-LF



MB1005-301-LF



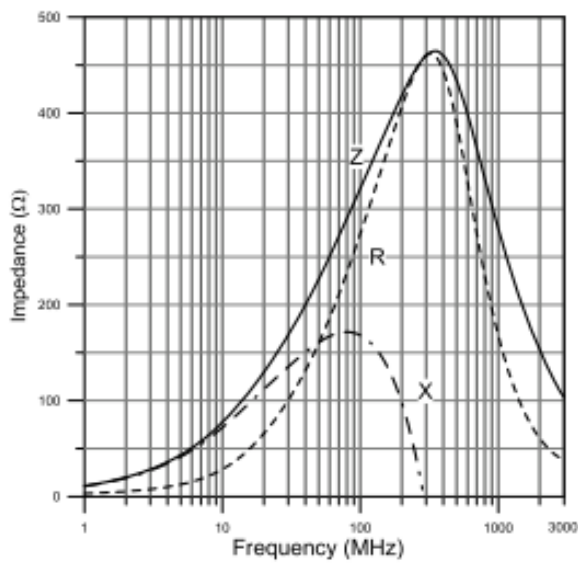


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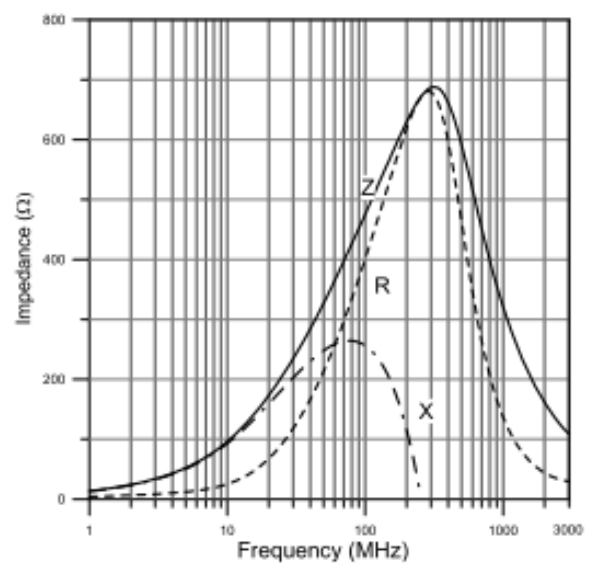


IMPEDANCE vs FREQUENCY

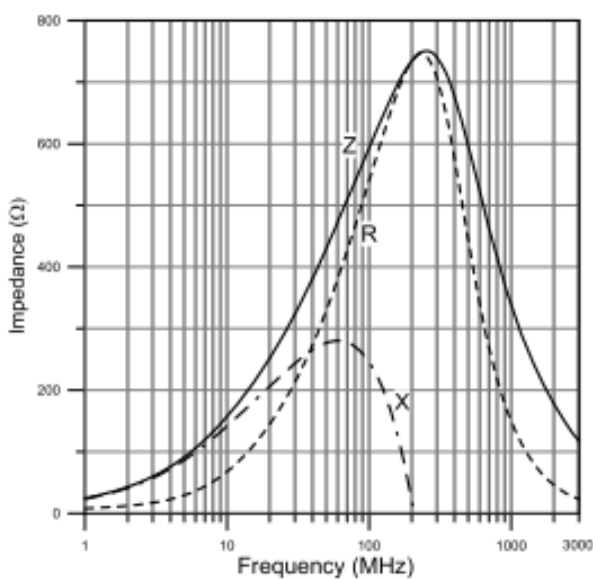
MB1005-331-LF



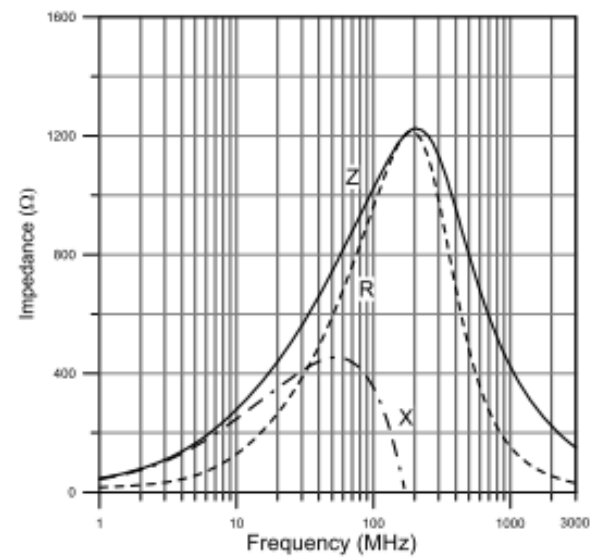
MB1005-471-LF



MB1005-601-LF



MB1005-102-LF

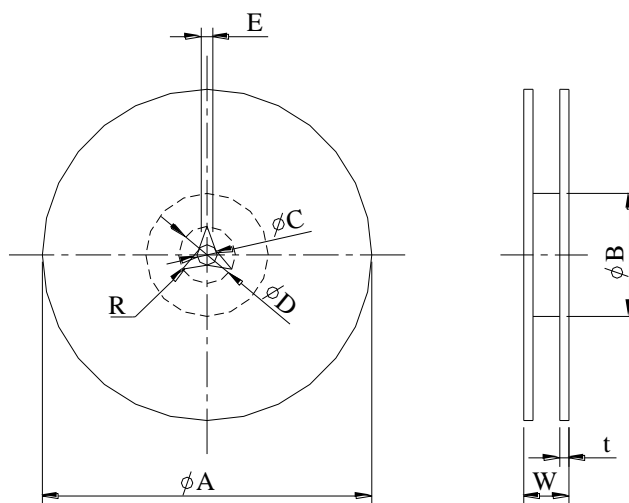




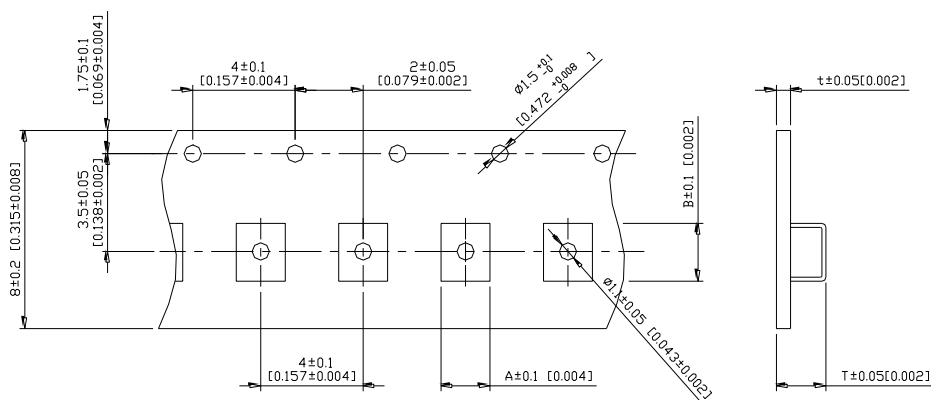
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PACKAGING SPECIFICATION



	A	B	C	D	E	W8	W12	t	R
T($\psi 178\text{mm}$) Reel	$\psi 178 \pm 2$	$\psi 60 \pm 1$	$\psi 13 \pm 0.8$	$\psi 21 \pm 0.8$	2	10 ± 1.5	14.5 ± 1.5	1.27 ± 0.2	1



TYPE	A	B	T	t	T($\phi 178\text{mm}$)	T($\phi 330\text{mm}$)
MB1005	0.65	1.15	0.80	0.2	10000 pcs/reel	—