

MB1005 SERIES ~

Multilayer Chip Suppressions / Chip Beads



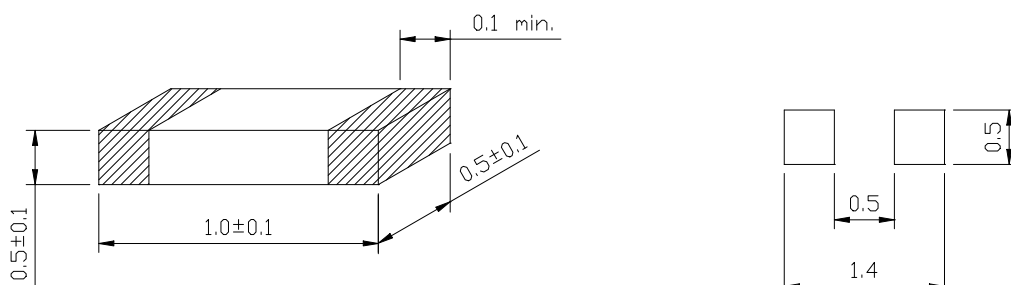
RoHS Compliant

PART NUMBERING SYSTEM

MB	1005	—	300	—	LF
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



SPECIFICATION TABLE

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

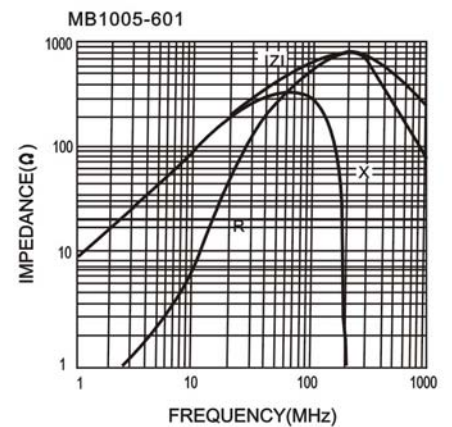
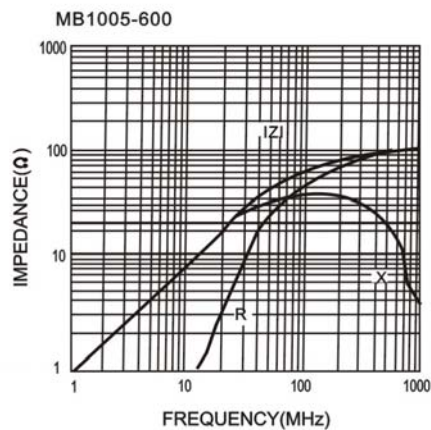
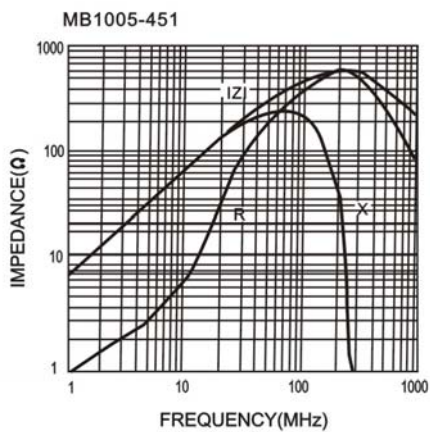
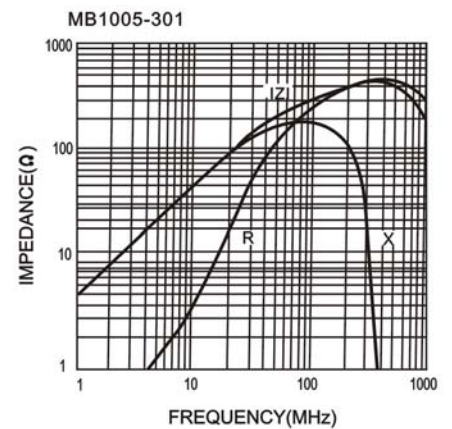
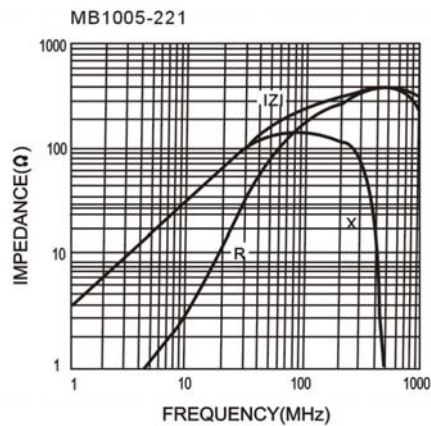
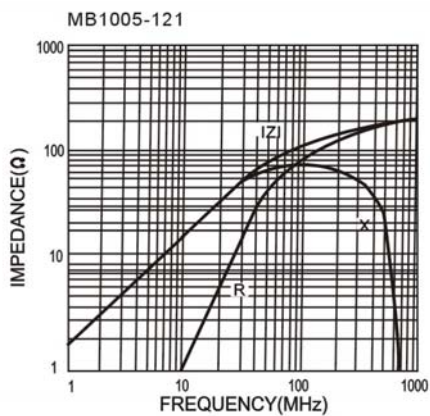
- Operating temperature range -55°C to +125°C , Electrical specifications at 25°C.



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IMPEDANCE vs FREQUENCY

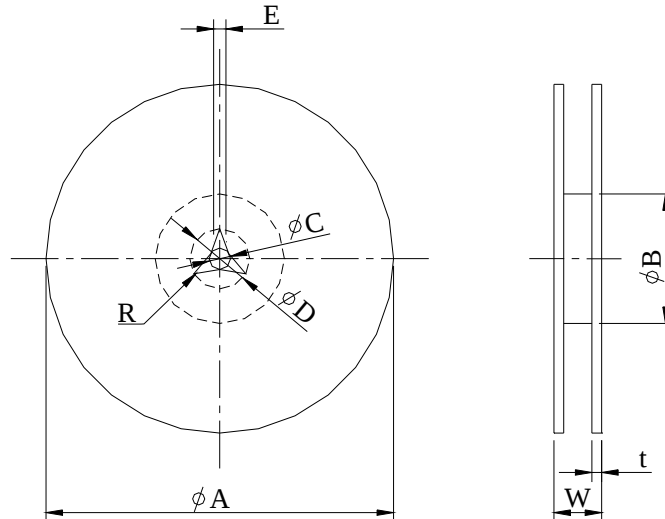




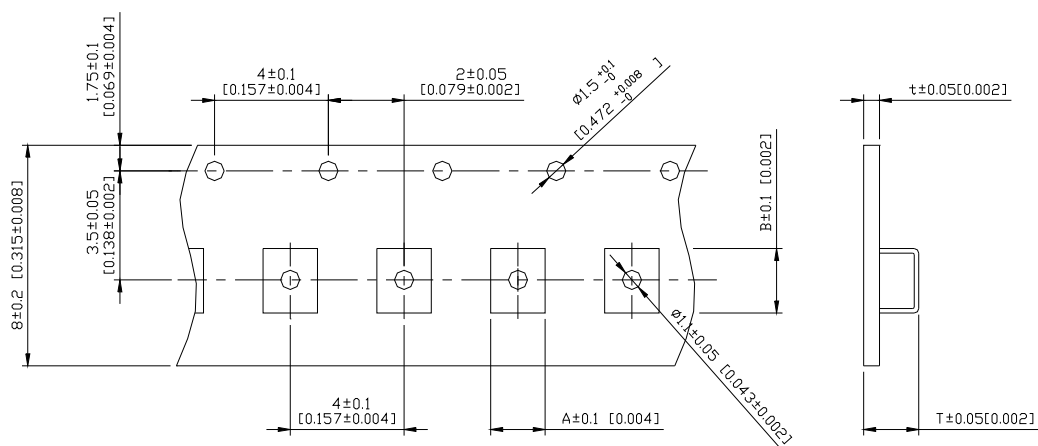
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PACKAGING SPECIFICATION



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



TYPE	A	B	T	t	T(ϕ 178mm)	T(ϕ 330mm)
MB1005	0.65	1.15	0.80	0.2	10000 pcs/reel	—