

MB0603 SERIES ~

Multilayer Chip Suppressions / Chip Beads



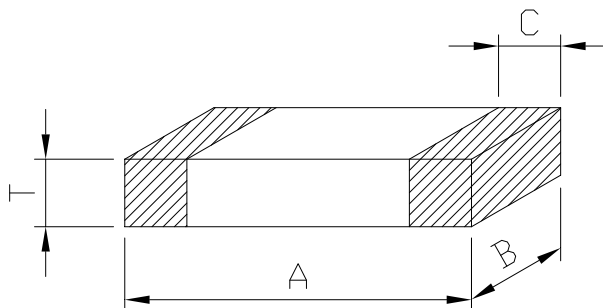
RoHS Compliant

PART NUMBERING SYSTEM

MB	0603	—	121	—	LF
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



$$A=0.6\pm0.03 \quad B=0.3\pm0.03 \quad C=0.1\sim0.2 \quad T=0.3\pm0.03$$

SPECIFICATION TABLE

PART NUMBER	IMPEDANCE (Ω) at 100MHz	DCR (Ω) (max)	IDC (mA) (max)
MB0603-400-LF	40 $\pm$ 25%	0.30	300
MB0603-500-LF	50 $\pm$ 25%	0.30	300
MB0603-600-LF	60 $\pm$ 25%	0.35	300
MB0603-700-LF	70 $\pm$ 25%	0.35	300
MB0603-121-LF	120 $\pm$ 25%	0.45	200

- Test equipment : E-4991A impedance analyzer or equipment .
- Operating temperature range -55°C to +125°C , Electrical specifications at 25°C.

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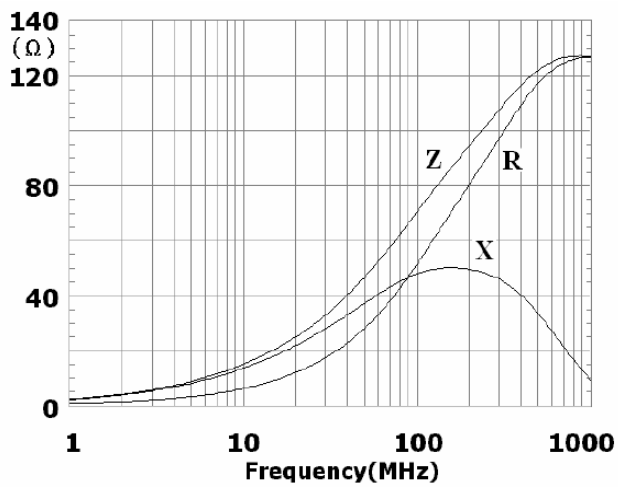
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IMPEDANCE vs FREQUENCY

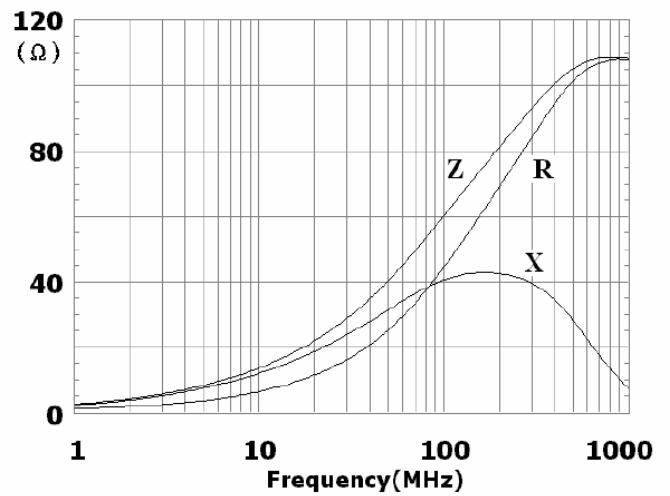


RoHS Compliant

MB0603-600-LF



MB0603-700-LF



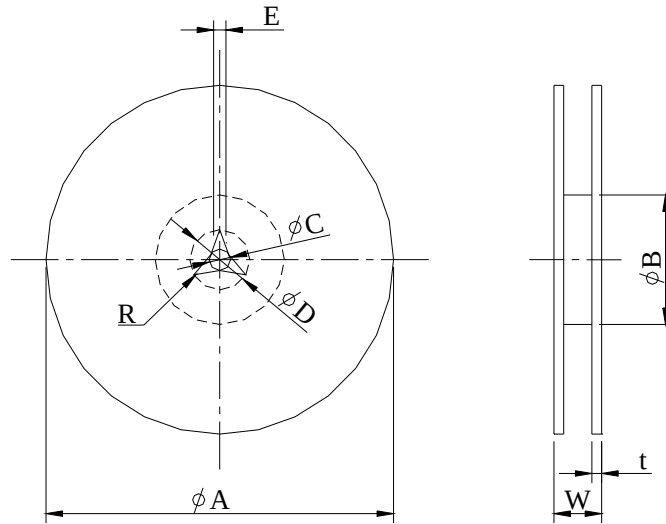
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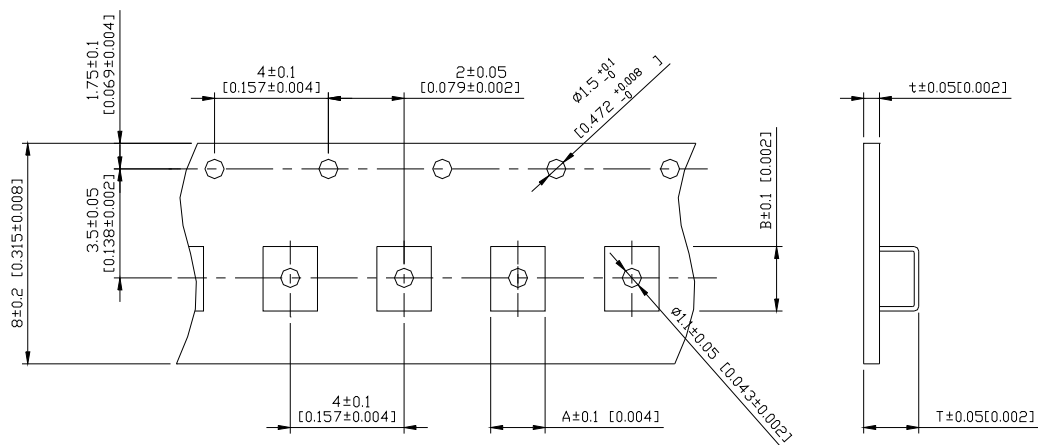
PACKAGING SPECIFICATION



RoHS Compliant



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



TYPE	A	B	T	t	T($\phi 178\text{mm}$)	T($\phi 330\text{mm}$)
MB0603	0.65	1.15	0.80	0.2	15000 pcs/reel	—