

MI2012 SERIES ~ Multilayer Chip Suppressions /

High Current Chip Beads



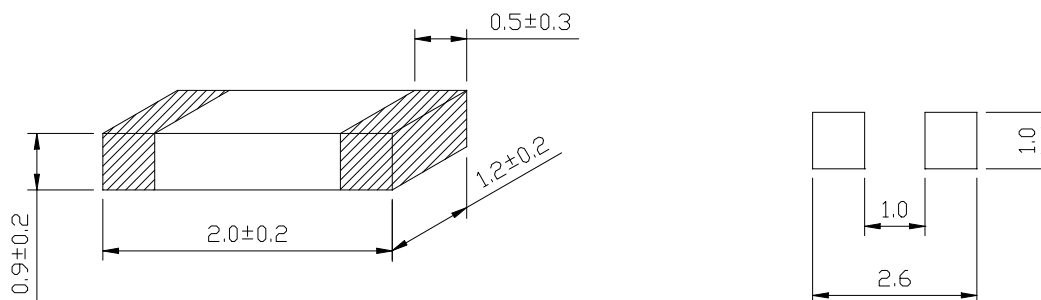
RoHS Compliant

PART NUMBERING SYSTEM

<u>MI</u>	<u>2012</u>	—	<u>601</u>	—	<u>2A</u>	—	<u>LF</u>
TYPE	DIMENSIONS		IMPEDANCE		DC CURRENT		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



SPECIFICATION TABLE

PART NUMBER	IMPEDANCE (Ω) at 100MHz	DCR (Ω) (Max.)	IDC (A) (Max.)
MI2012-070-6A-LF	7 $\pm$ 25%	0.008	6.0
MI2012-110-3A-LF	11 $\pm$ 25%	0.030	3.0
MI2012-110-6A-LF	11 $\pm$ 25%	0.008	6.0
MI2012-170-3A-LF	17 $\pm$ 25%	0.030	3.0
MI2012-170-6A-LF	17 $\pm$ 25%	0.008	6.0
MI2012-200-6A-LF	20 $\pm$ 25%	0.010	6.0
MI2012-300-6A-LF	30 $\pm$ 25%	0.008	6.0
MI2012-310-6A-LF	31 $\pm$ 25%	0.030	3.0
MI2012-390-6A-LF	39 $\pm$ 25%	0.008	6.0
MI2012-470-3A-LF	47 $\pm$ 25%	0.030	3.0
MI2012-520-6A-LF	52 $\pm$ 25%	0.030	3.0
MI2012-600-3A-LF	60 $\pm$ 25%	0.040	3.0
MI2012-600-6A-LF	60 $\pm$ 25%	0.020	6.0
MI2012-800-3A-LF	80 $\pm$ 25%	0.040	3.0
MI2012-800-6A-LF	80 $\pm$ 25%	0.020	6.0
MI2012-121-3A-LF	120 $\pm$ 25%	0.050	3.0

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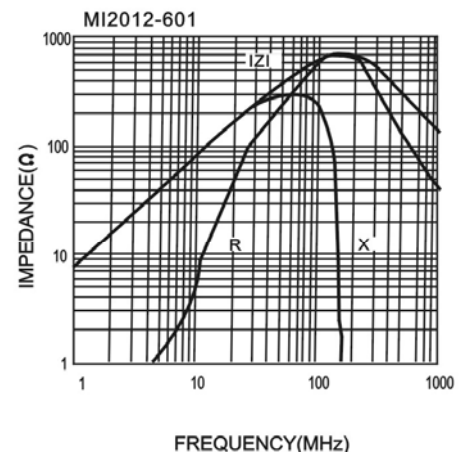
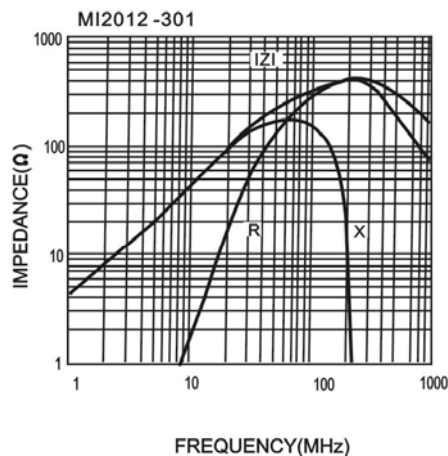
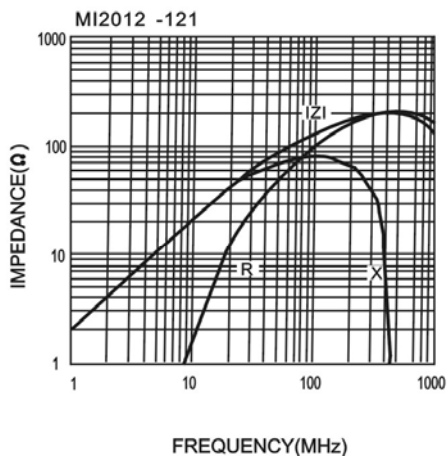
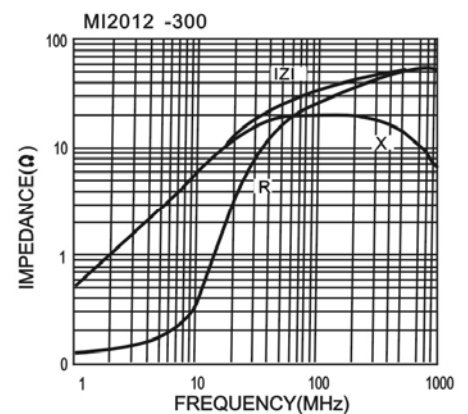
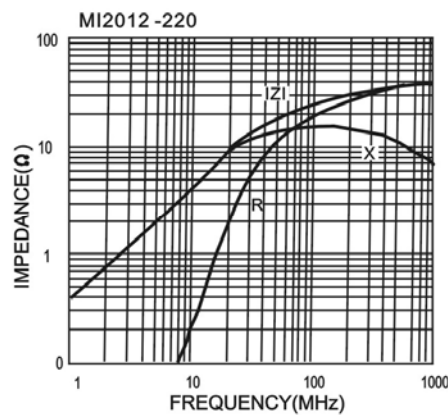
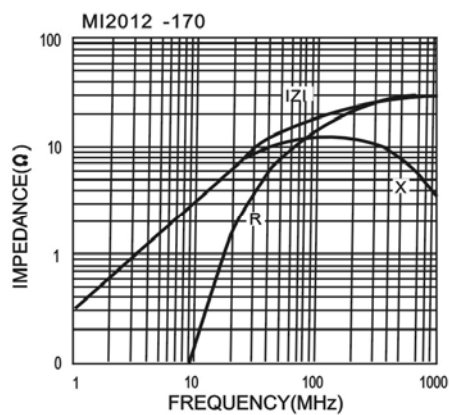


RoHS Compliant

SPECIFICATION TABLE

PART NUMBER	IMPEDANCE (Ω) at 100MHz	DCR (Ω) (Max.)	IDC (A) (Max.)
MI2012-121-6A-LF	120 $\pm$ 25%	0.025	6.0
MI2012-151-3A-LF	150 $\pm$ 25%	0.040	3.0
MI2012-221-3A-LF	220 $\pm$ 25%	0.050	3.0
MI2012-301-2A-LF	300 $\pm$ 25%	0.050	3.0
MI2012-471-2A-LF	470 $\pm$ 25%	0.100	2.0
MI2012-601-2A-LF	600 $\pm$ 25%	0.100	2.0
MI2012-102-1A-LF	1000 $\pm$ 25%	0.300	1.0
MI2012-152-1A-LF	1500 $\pm$ 25%	0.400	1.0

- Test equipment : Agilent/HP-4291A impedance analyzer or equipment .
- Operating temperature range -55°C to +125°C , Electrical specifications at 25°C .



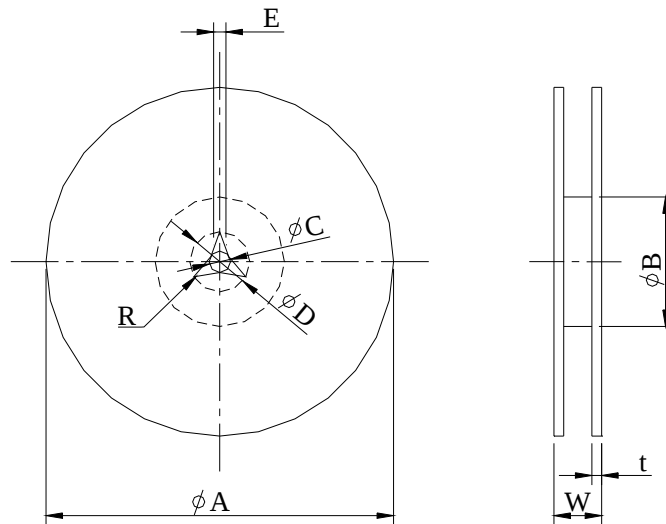
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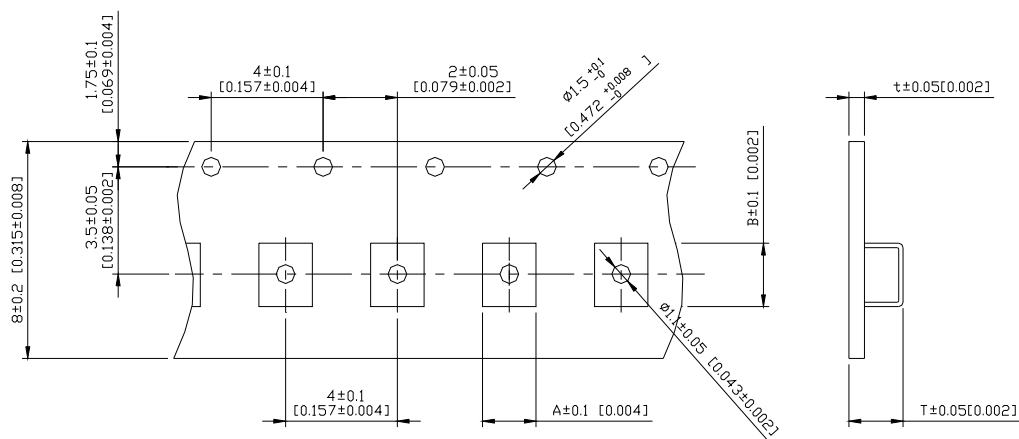
PACKAGING SPECIFICATION



RoHS Compliant



	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)
2012	1.55	2.30	1.20	0.2	4000 pcs/reel	10000 pcs/reel