

## Multilayer Chip Inductor / High Current Chip Beads ~ MI4516 SERIES

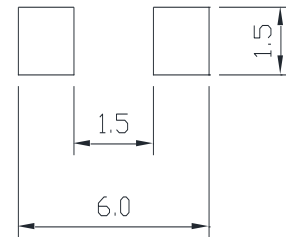
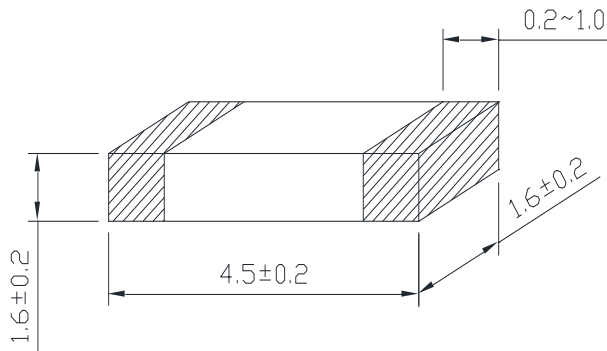


### PART NUMBERING SYSTEM

<u>MI</u>	<u>4516</u>	-	<u>471</u>	-	<u>2A</u>	-	<u>LF</u>
TYPE	DIMENSIONS		IMPEDANCE		DC CURRENT		LEAD FREE

### SHAPES AND DIMENSIONS

UNIT : mm

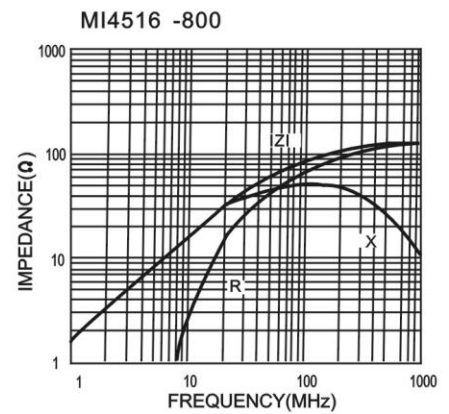
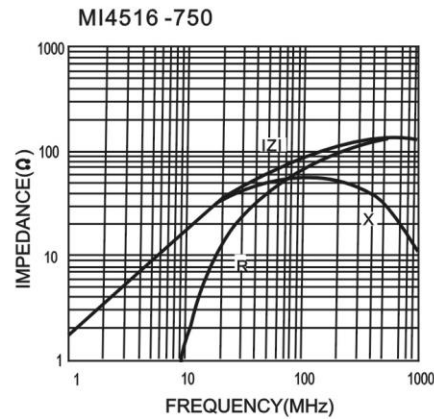
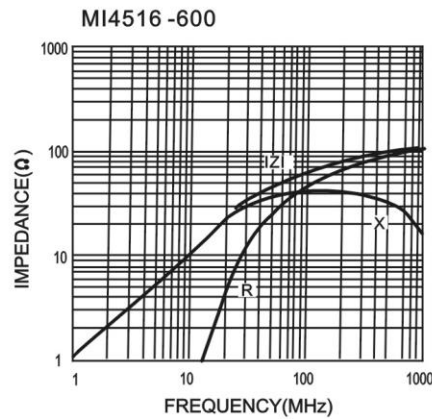


### SPECIFICATION TABLE

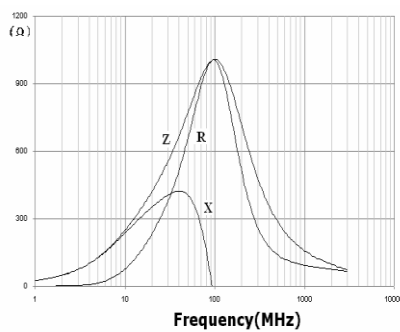
PART NUMBER	IMPEDANCE ( $\Omega$ ) at 100MHz	DCR ( $\Omega$ ) (Max.)	IDC (A) (Max.)
MI4516-600-3A-LF	60±25%	0.040	3.0
MI4516-600-6A-LF	60±25%	0.010	6.0
MI4516-800-3A-LF	80±25%	0.040	3.0
MI4516-101-3A-LF	100±25%	0.040	3.0
MI4516-101-4A-LF	100±25%	0.030	4.0
MI4516-181-3A-LF	180±25%	0.040	3.0
MI4516-471-2A-LF	470±25%	0.090	2.0
MI4516-851-1.5A-LF	850±25%	0.100	1.5
MI4516-102-1.5A-LF	1000±25%	0.090	1.5

- Test equipment : Agilent/HP-4291A impedance analyzer or equipment .
- Operating temperature range -55°C to +125°C
- Electrical specifications at 25°C
- Noise reduction solution for general signal line.
- Great reduce the possibility of resonance and signal wave forms undistorted.
- Excellent solder heat resistance.
- Various impedances are available to match signal frequency.
- For high current applications

## IMPEDANCE vs FREQUENCY



**MI4516-102-1.5A-LF**



	A	B	C	D	E	W8	W12	t	R
<b>T(<math>\psi</math>178mm) Reel</b>	$\psi$ 178 $\pm$ 2	$\psi$ 60 $\pm$ 1	$\psi$ 13 $\pm$ 0.8	$\psi$ 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( $\phi$ 178mm)	T( $\phi$ 330mm)
<b>MI 4516</b>	2.90	4.90	1.40	0.3	2000 pcs/reel	-