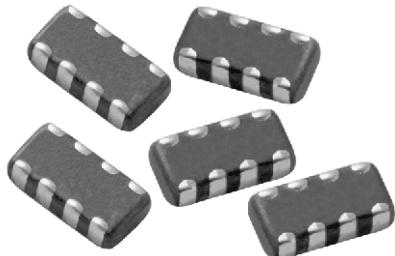


Chip Array Ferrite Beads



FEATURES

- Combines four single 0603 chips into one package to reduce board space and placement time
- Highly effective in high density applications
- 0.031" [0.8 mm] terminal pitch makes it easy to apply EMI prevention in multiple-lines such as connectors and IC pins
- Material and construction design minimize crosstalk between adjacent circuits
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912


RoHS
COMPLIANT

MECHANICAL SPECIFICATIONS

Solderability: 90 % coverage after 5 s dip in 235 °C solder following 60 s preheat at 120 °C to 150 °C and type R flux dip

Resistance to solder heat: 10 s in 260 °C solder, after preheat and flux per above

Terminal strength: 1.2 kg (2.64 lbs) minimum for 30 s

Beam strength: 2.0 kg (4.4 lbs) minimum

Flex: 0.079" [2 mm] min. mounted on 0.063" [1.6 mm] thick PC board

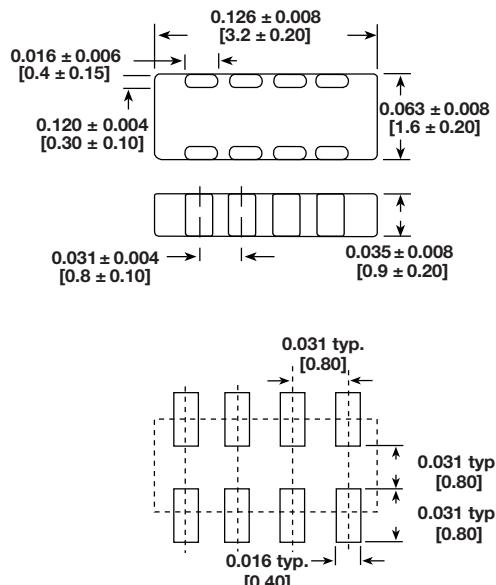
ENVIRONMENTAL SPECIFICATIONS

Operating temperature: -55 °C to +125 °C

Thermal shock: 300 cycles, -40 °C to +125 °C

Biased humidity: 85 % RH at 85 °C, 1000 h at full rated current

DIMENSIONS in inches [millimeters]



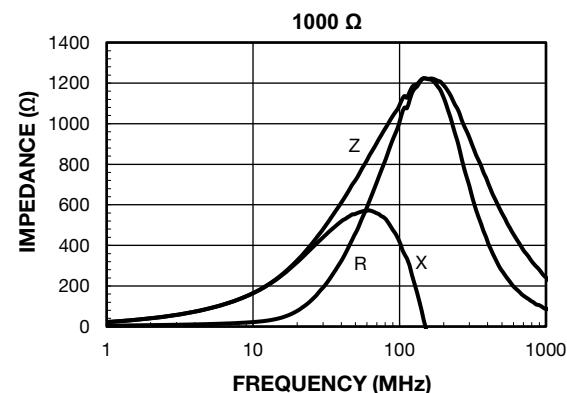
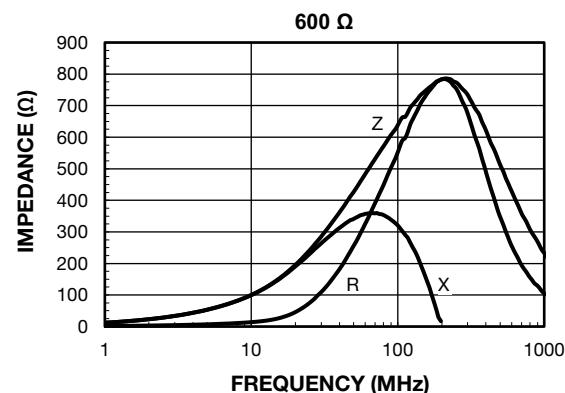
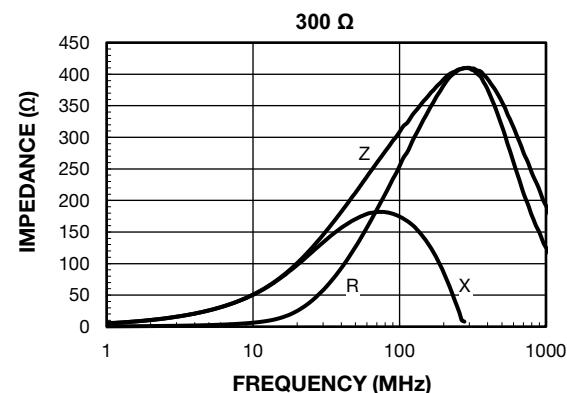
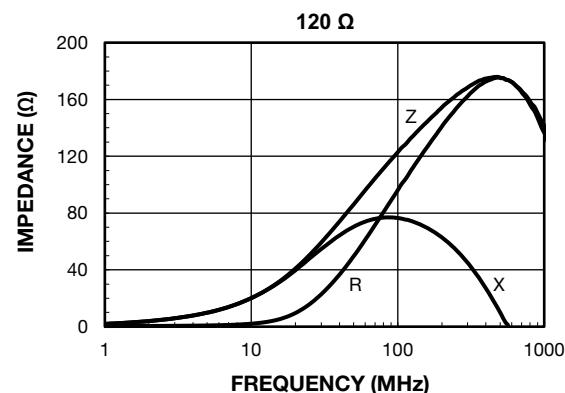
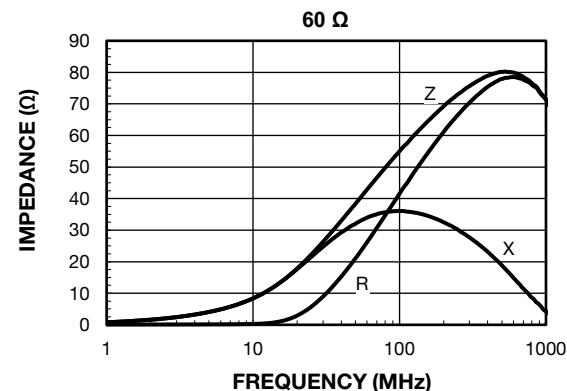
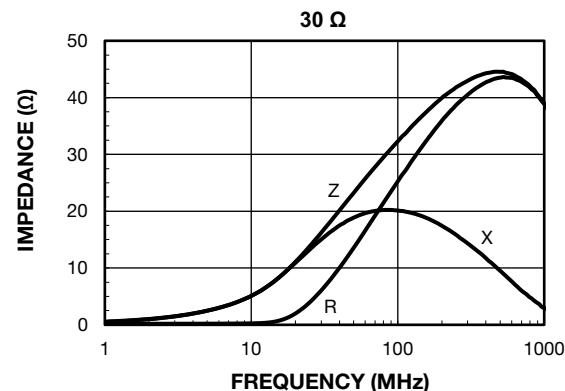
STANDARD ELECTRICAL SPECIFICATIONS			
Z ± 25 % AT 100 MHz (Ω)	DCR MAX. (Ω)	RATED DC CURRENT (mA)	SIGNAL SPEED
60	0.25	400	
120	0.30	350	
300	0.40	250	Standard
600	0.50	200	
1000	0.75	150	

DESCRIPTION

ILAS-1206	120	± 25 %	ER	e3
MODEL	IMPEDANCE VALUE	IMPEDANCE TOLERANCE	PACKAGE CODE	JEDEC® LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER

I	L	A	S	1	2	0	6	E	R	1	2	1	V
PRODUCT FAMILY				SIZE				PACKAGE CODE				IMPEDANCE VALUE	
												IMPEDANCE TOLERANCE	

TYPICAL CURVES - Frequency Characteristics of R, X, and Z


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