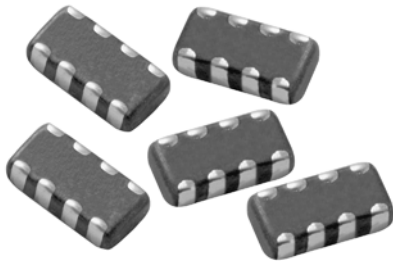


Chip Array Ferrite Beads


RoHS
COMPLIANT

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

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

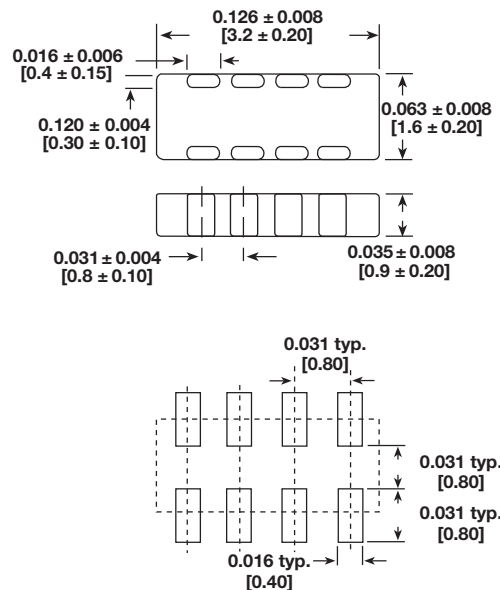
Operating temperature: -55 °C to +125 °C

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

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

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

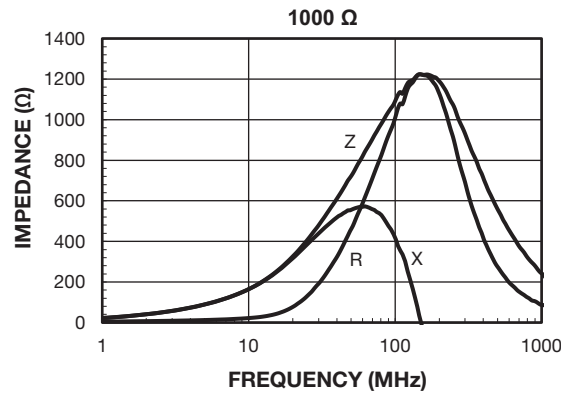
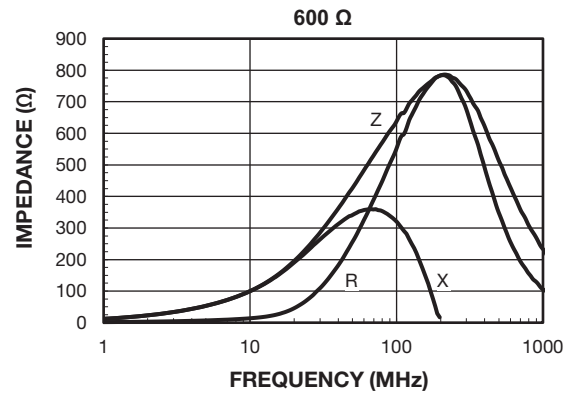
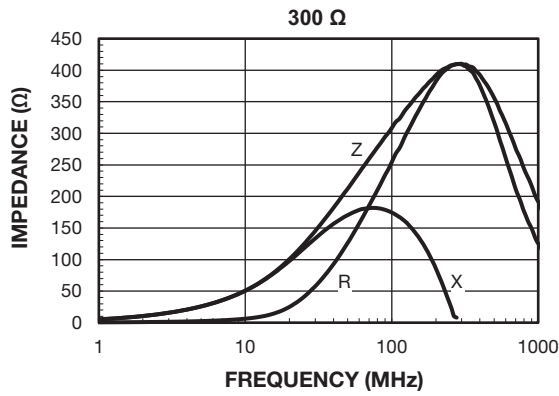
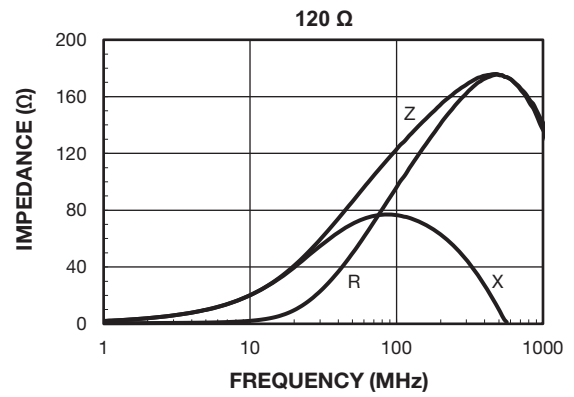
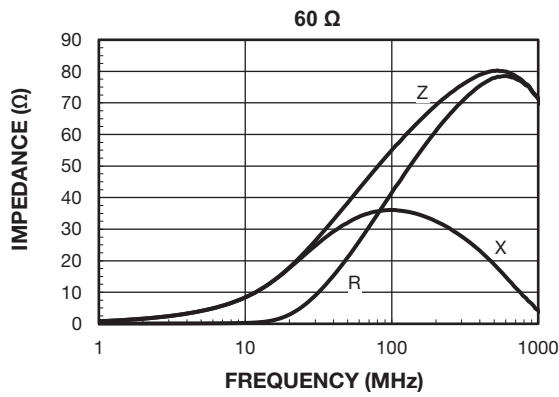
DIMENSIONS in inches [millimeters]



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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