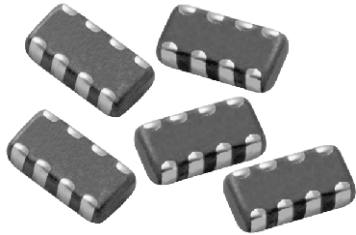


Chip Array Ferrite Bead



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
- 100 % lead (Pb)-free and RoHS compliant


RoHS
COMPLIANT

MECHANICAL SPECIFICATIONS

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

Resistance to Solder Heat: 10 seconds in 260 °C solder after preheat and flux per above

Terminal Strength: 1.2 kg (2.64 pounds) for 30 seconds

Beam Strength: 2.0 kg (4.4 pounds) minimum

Flex: 0.79 (2 mm) minimum mounted on 0.63 (1.6 mm) thick PC board

ENVIRONMENTAL SPECIFICATIONS

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

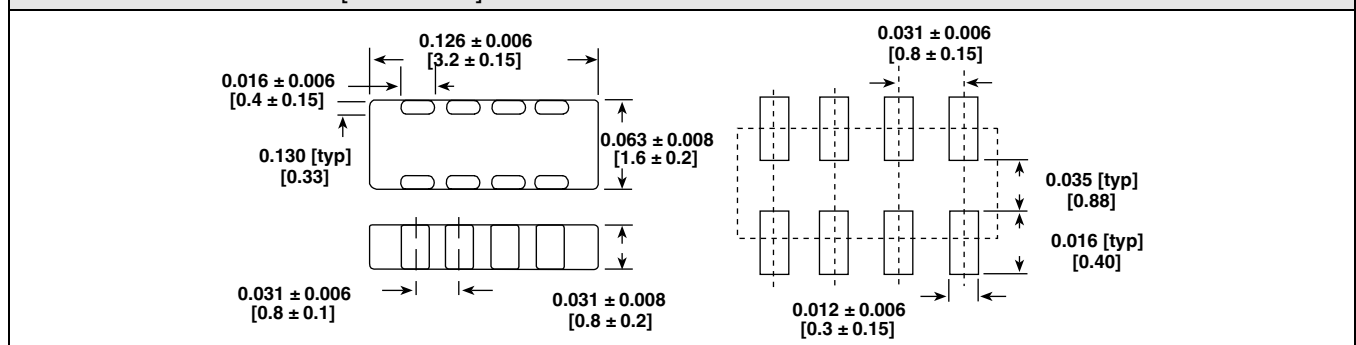
Thermal Shock: 300 cycles, - 40 °C to + 125 °C

Biased Humidity: 85 % RH at 85 °C, 1000 hours at full rated current

STANDARD ELECTRICAL SPECIFICATIONS

PART NUMBER	PACKAGE SIZE	Z at 100 MHz (± 25 %)	DCR MAX. (Ohms)	RATED DC CURRENT (mA)	SIGNAL SPEED
ILAS	1206	60	0.12	300	STANDARD
		120	0.2	150	
		300	0.4	100	
		600	0.6	100	
		1000	0.8	50	

DIMENSIONS in inches [millimeters]



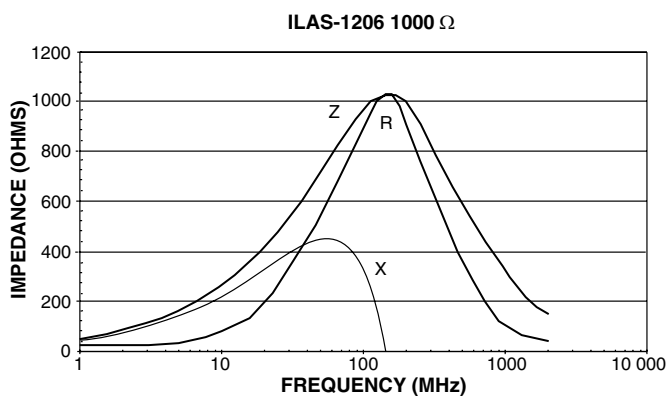
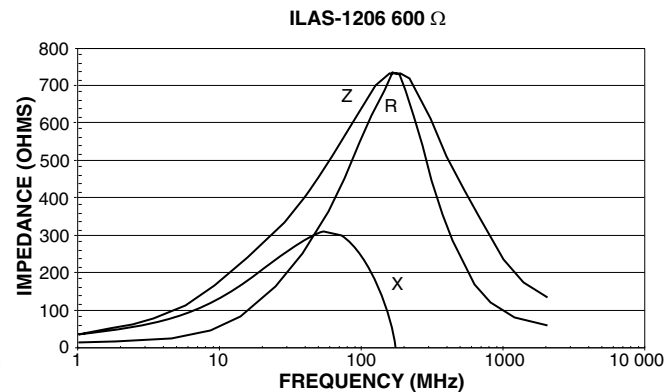
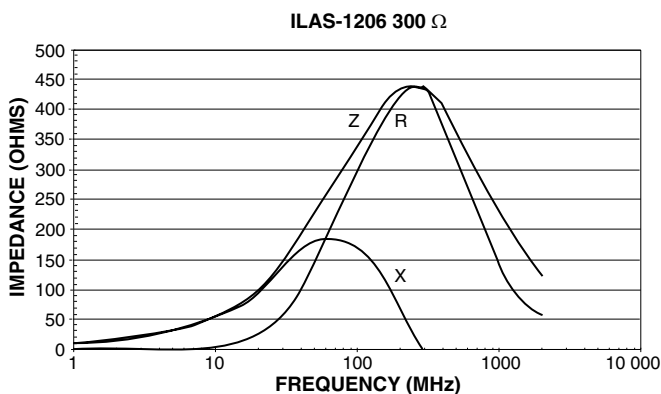
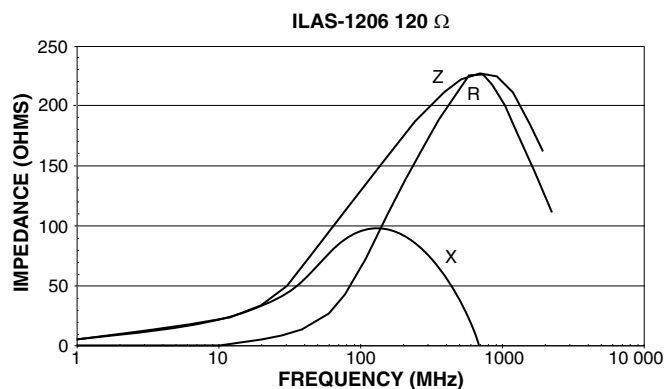
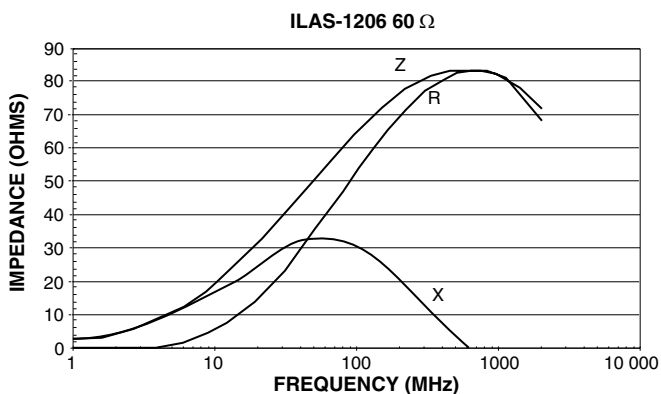
DESCRIPTION

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 Z, X AND R





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