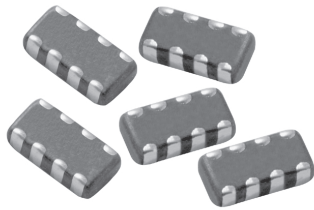


## Chip Array Ferrite Bead



### FEATURES

- Combines four single 0603 chips into one package to reduce board space and placement time.
- Highly effective in high density applications.
- 0.031" [0.8mm] 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.

### 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:** 1.2Kg (2.64 pounds) for 30 seconds.

**Beam Strength:** 2.0Kg (4.4 pounds) minimum.

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

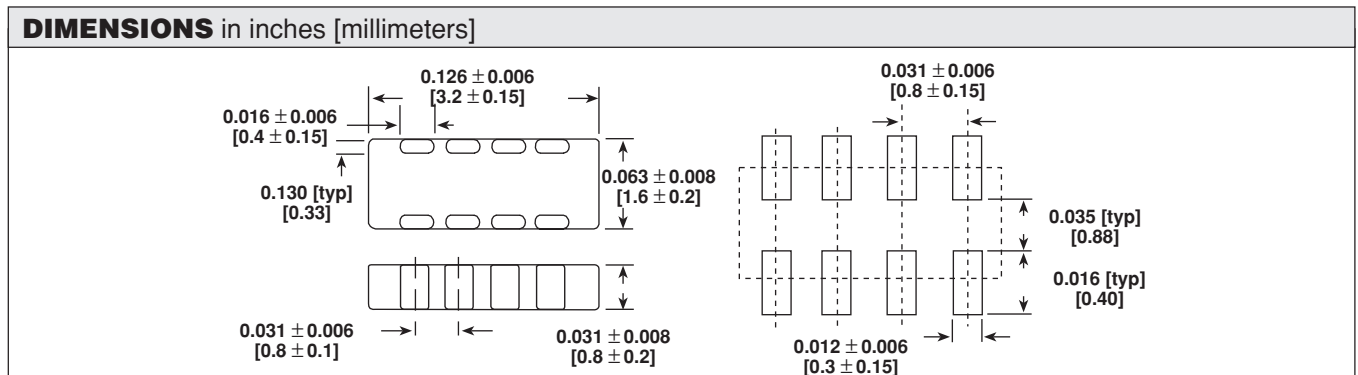
### ENVIRONMENTAL SPECIFICATIONS\*

**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 @ 100MHz (± 25%)	DCR MAX. (Ohms)	RATED DC CURRENT (mA)	SIGNAL SPEED
ILAS	1206-99	60	0.12	300	STANDARD
		120	0.2	150	
		300	0.4	100	
		600	0.6	100	
		1000	0.8	50	



DESCRIPTION		
ILAS - 1206 - 99	120	± 25%
MODEL	IMPEDANCE VALUE	IMPEDANCE TOLERANCE

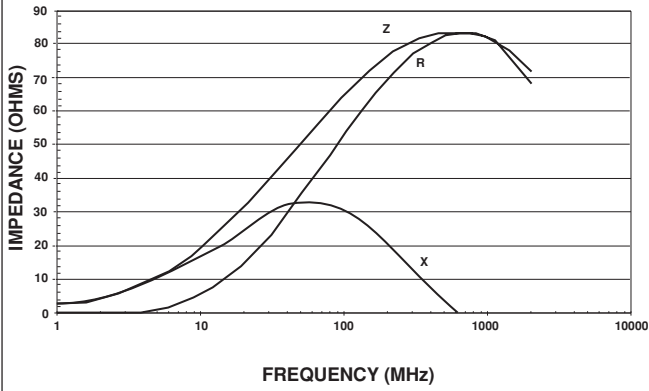
SAP PART NUMBERING GUIDELINES (INTERNAL)				
I	L	A	S	
PRODUCT FAMILY				
1	2	0	6	
SIZE				
R	K			
PACKAGE CODE				
1	2	1		
IMPEDANCE VALUE				
			V	
				TOL.

See the end of this data book for conversion tables

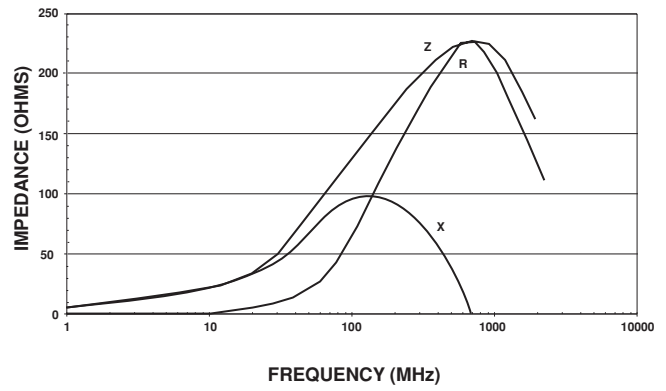


**TYPICAL CURVES - FREQUENCY CHARACTERISTICS OF Z, X AND R**

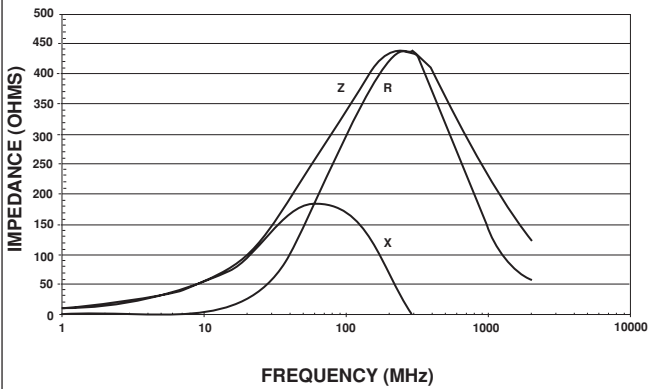
ILAS-1206 60Ω



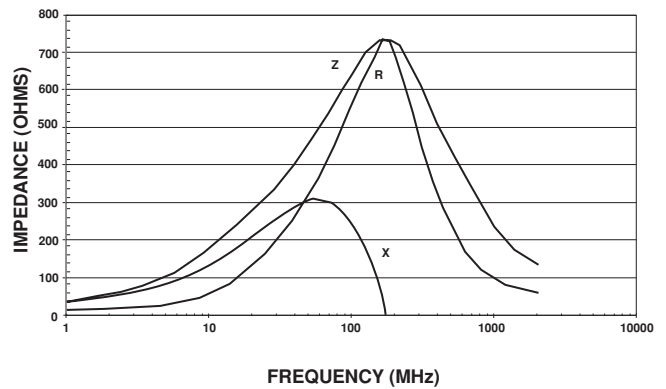
ILAS-1206 120Ω



ILAS-1206 300Ω



ILAS-1206 600Ω



ILAS-1206 1000Ω

