



# **Chip Array Ferrite Beads**



#### **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

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	

#### **FEATURES**

 Combines four single 0603 chips into one package to reduce board space and placement time



RoHS COMPLIANT

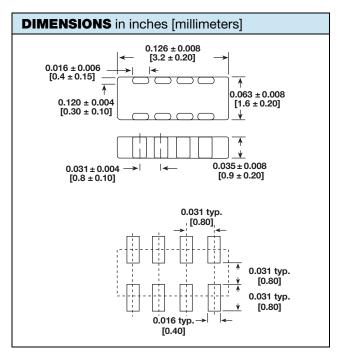
- Highly effective in high density applications
- 0.031" [0.8 mm] terminal pitch makes it easy to apply EMI prevention in multiple-lines such as connectors and IC pins
- Material and construction design minimize crosstalk between adjacent circuits
- Material categorization: for definitions of compliance please see <a href="https://www.vishay.com/doc?99912"><u>www.vishay.com/doc?99912</u></a>

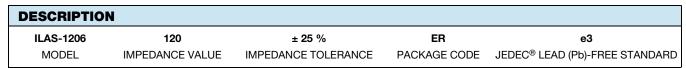
#### **ENVIRONMENTAL SPECIFICATIONS**

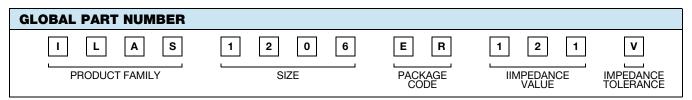
Operating temperature: -55 °C to +125 °C
Thermal shock: 300 cycles, -40 °C to +125 °C

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

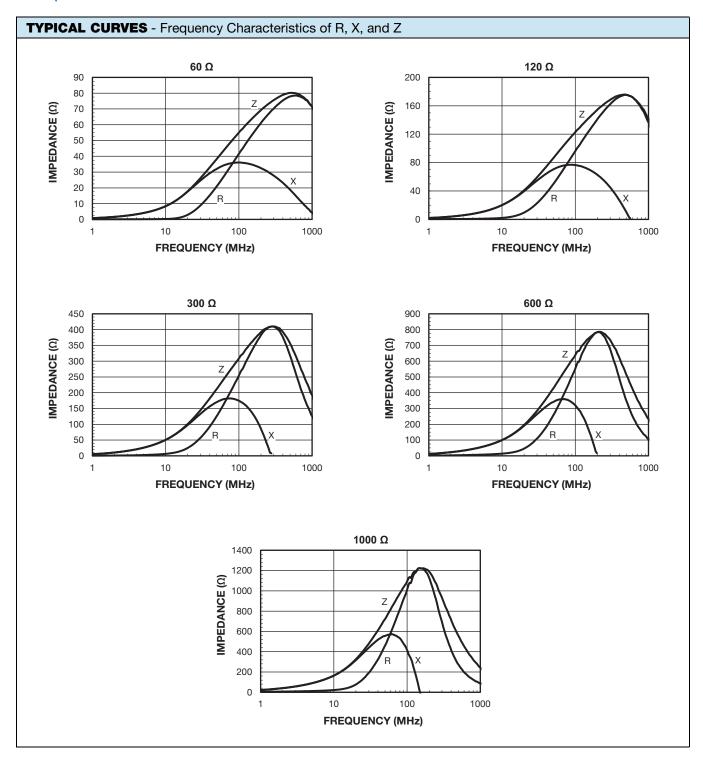
current













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