

High Current Chip Ferrite Bead



◆ Features

- 1、Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- 2、The current rating up to 6 Amps with low DCR
- 3、Can be used in a wide range of frequency to suppress EMI
- 4、RoHS Compliant.

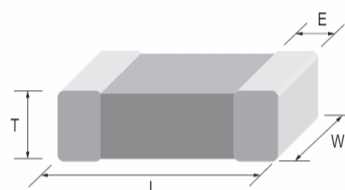
◆ Application

- 1、High current DC power lines.
- 2、Noise suppression for power line or large current signal of electric equipments such as computers and peripheral devices, DVD cameras, LCD TVs, communication equipments, OA equipments, etc.



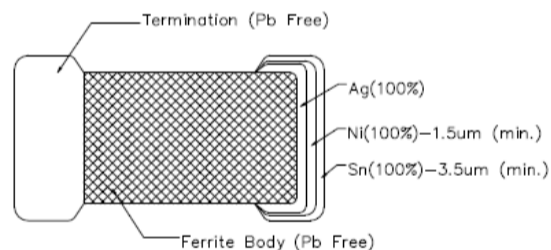
◆ Dimensions Unit: mm

Size(EIA)	L	W	T	E
3216 (1206)	3.2±0.2	1.6±0.2	0.9±0.2	0.5±0.3

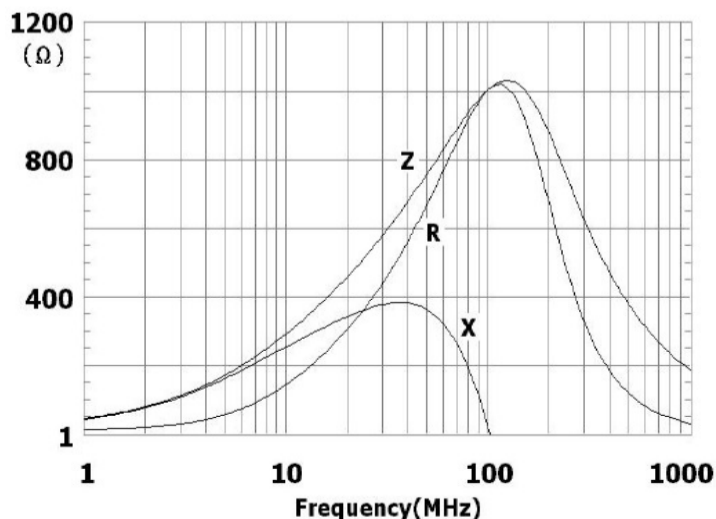


◆ Electrical Characteristics

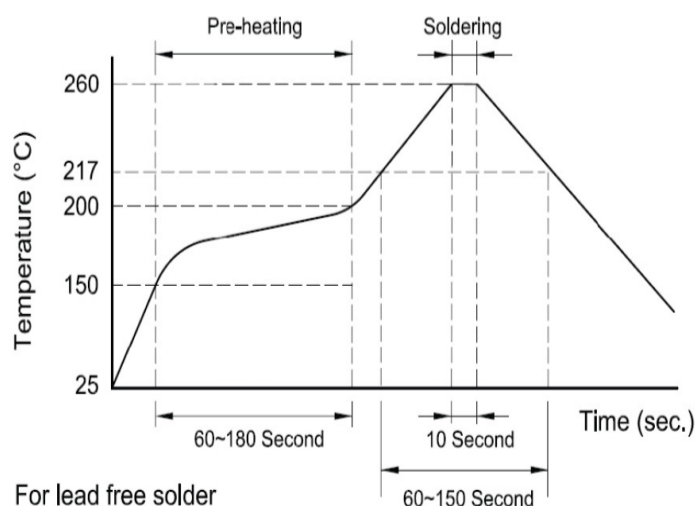
	Z@ 100MHz	DCR (Max.)	Test Frequency	Rated Current
Unit	Ω	Ω	(Hz)	mA
Min.	750	0.25	60mV/100M	2000
Typ.	1000			
Max.	1250			



◆ Detail Electrical Characteristics



◆ Recommended Soldering Conditions



◆ General Technical Data

Operating Temperature Range	-55℃~ +125℃
Storage Condition	Less than 40℃ and 70% RH
Soldering Method	Reflow or Wave Soldering

◆ Packaging

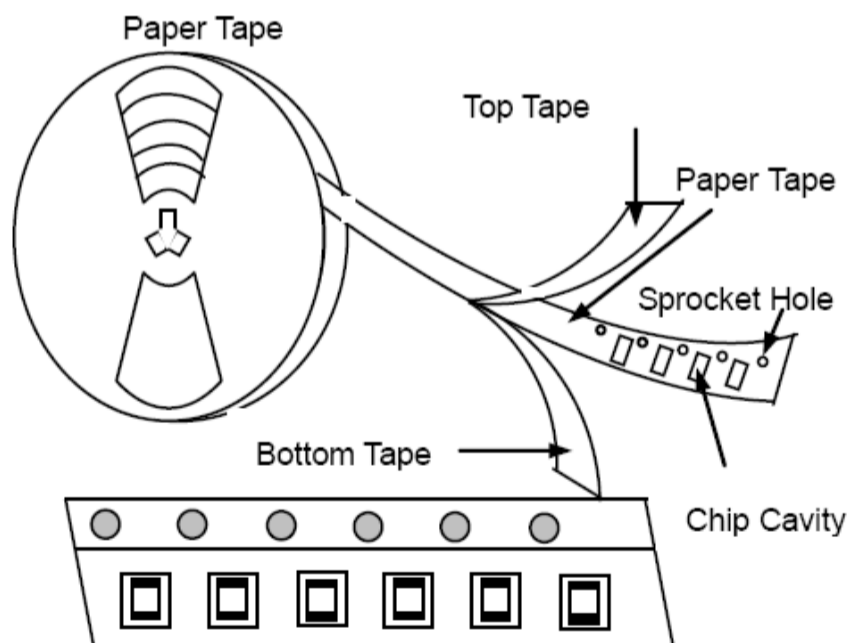
Tape Carrier Packaging:

Packaging code: T

- Tape carrier packaging are specified in attached figure
- Tape carrier packaging quantity please see the following table

Type	3216(1206)
T(mm)	0.9±0.1
Tape	Paper Tape
Quantity	4K

(1) Taping Drawings (Unit: mm)



Remark: The sprocket holes are to the right as the tape is pulled toward the user.

Technical drawing of a cylindrical workpiece showing dimensions and features:

- Sprocket Hole $\Phi 1.5$
- Sprocket Hole position tolerance 0
- Chip Cavity width 1.75 ± 0.1
- Total width 8.0 ± 0.3
- Hole-to-hole distance 4.0 ± 0.1
- Hole diameter 3.5 ± 0.05
- Hole-to-center distance A
- Side view thickness T
- Direction of Feed indicated by an arrow

Type	A	B	P	T max
3216(1206)	1.9±0.2	3.5±0.2	4.0±0.2	0.8