

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.

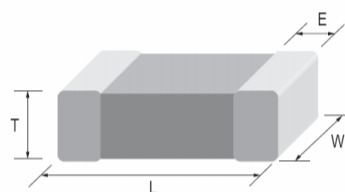


◆ Dimensions Unit: mm

Size(EIA)	L	W	T	E
4516 (1806)	4.5±0.2	1.6±0.2	1.6±0.3	0.8±0.2

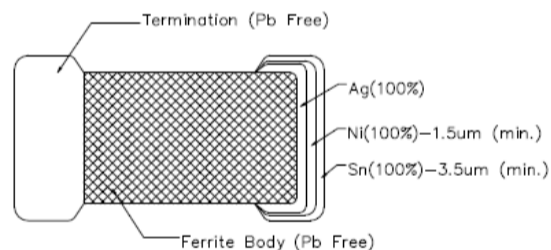
◆ Application

- 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.

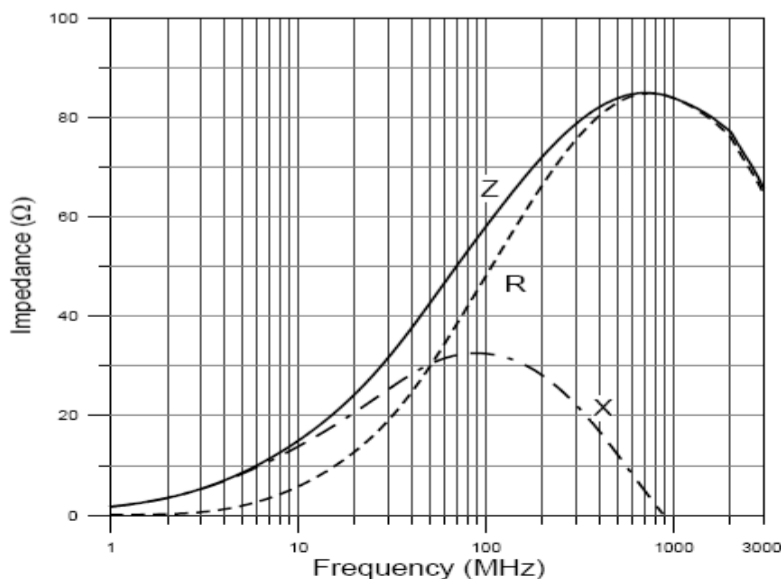


◆ Electrical Characteristics

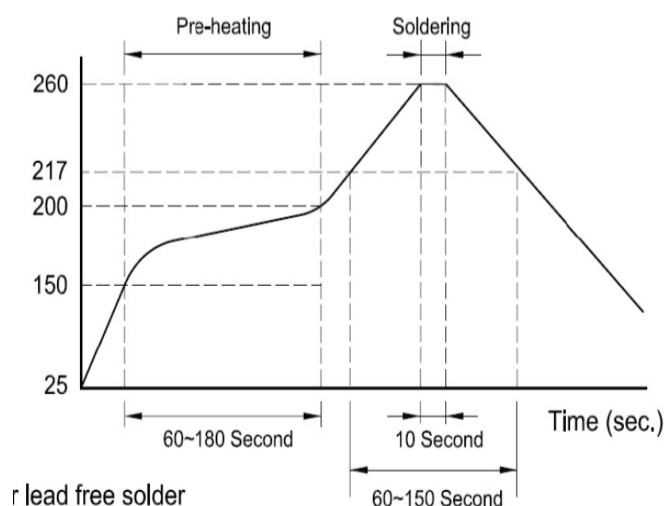
	Z@ 100MHz	DCR (Max.)	Test Frequency	Rated Current
Unit	Ω	m Ω	(Hz)	mA
Min.	45	8	60mV/100M	6000
Typ.	60			
Max.	75			



◆ 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

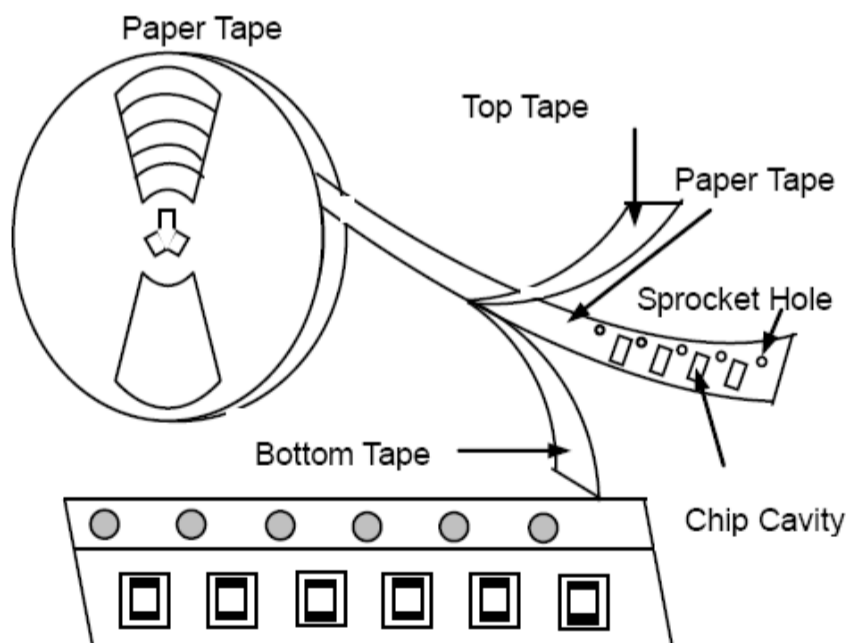
Tape Carrier Packaging:

Packaging code: T

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

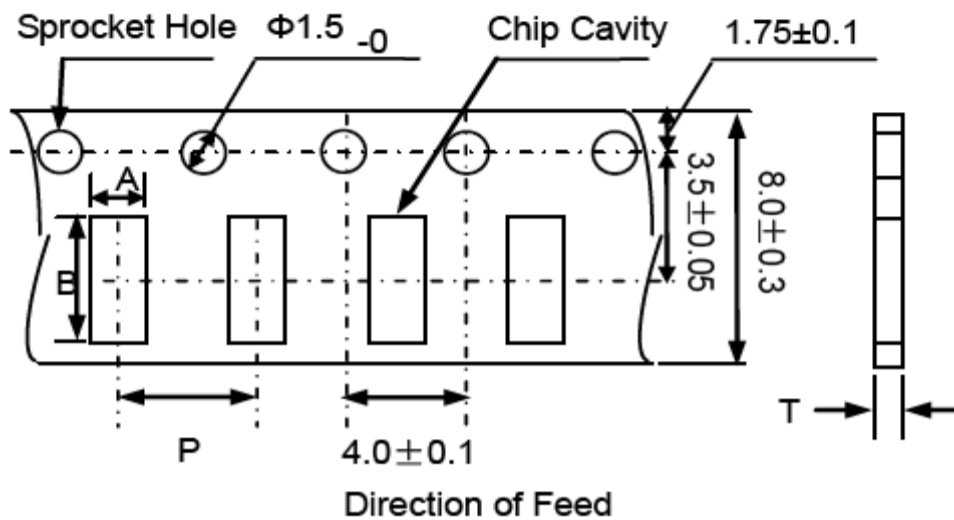
Type	4516(1806)
T(mm)	1.6±0.1
Tape	Paper Tape
Quantity	2K

(1) Taping Drawings (Unit: mm)



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

(2) Taping Dimensions (Unit: mm)



Paper Tape

Type	A	B	P	T max
4516(1806)	1.93 ± 0.2	4.95 ± 0.2	4.0 ± 0.2	2.03

3) Reel Dimensions (Unit: mm)

