

## 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.

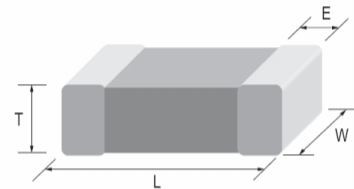


### ◆ Application

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

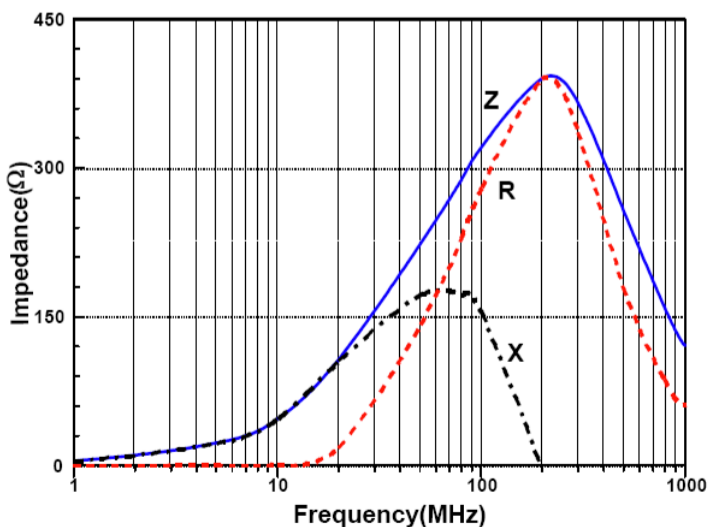
Size(EIA)	L	W	T	E
2012(0805)	2.00±0.20	1.25±0.20	0.90±0.20	0.50±0.30



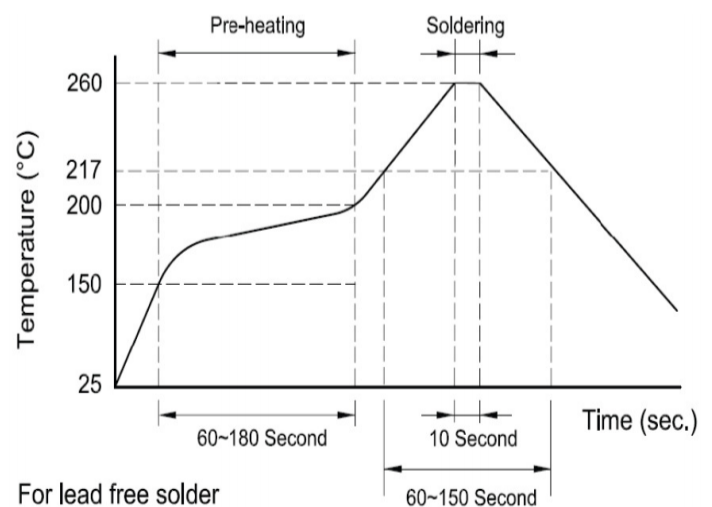
### ◆ Electrical Characteristics

	Z@100MHz	DCR(Max.)	Rated Current
Unit	$\Omega$	$\Omega$	mA
Min.	247.5	0.05	2500
Typ.	330.0		
Max.	412.5		

### ◆ Detail Electrical Characteristics



### ◆ Recommended Soldering Conditions



**◆ Packaging**

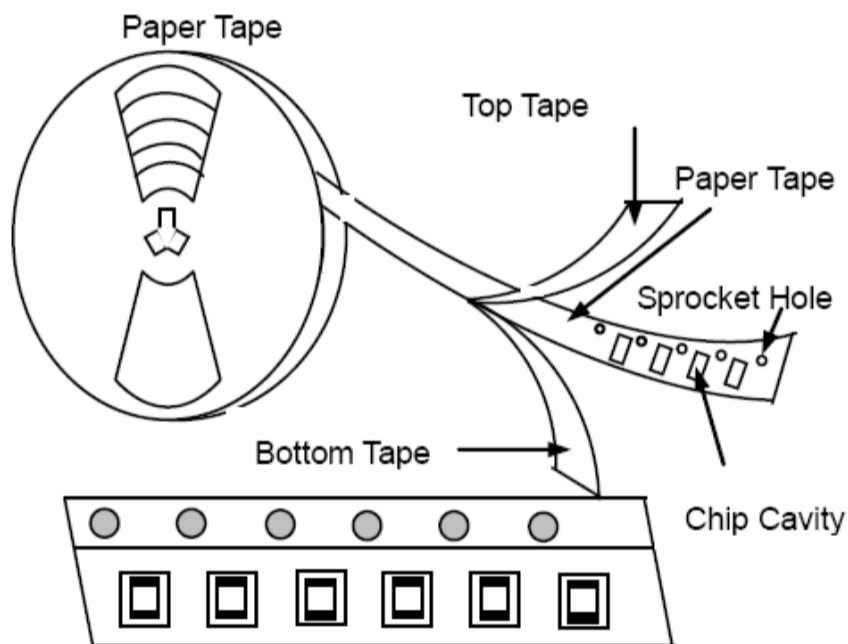
Tape Carrier Packaging:

Packaging code: T

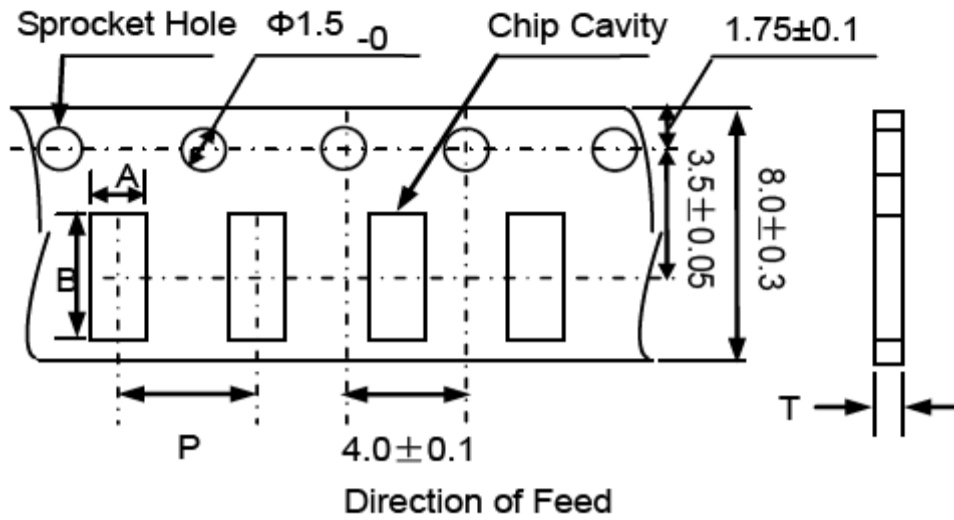
- a. Tape carrier packaging are specified in attached figure
- b. Tape carrier packaging quantity please see the following table

<b>Type</b>	<b>2012(0805)</b>
<b>T(mm)</b>	<b>0.9±0.1</b>
<b>Tape</b>	<b>Paper Tape</b>
<b>Quantity</b>	<b>4K</b>

(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
2012(0805)	$1.6 \pm 0.1$	$2.3 \pm 0.1$	$4.0 \pm 0.1$	0.8

**3) Reel Dimensions (Unit: mm)**
