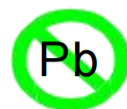


## High Current Chip Ferrite Bead



### ◆ Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for reflow soldering.
5. Shapes and dimensions follow E.I.A. spec.
6. Available in various sizes.
7. Excellent solder ability and heat resistance.
8. High reliability.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.

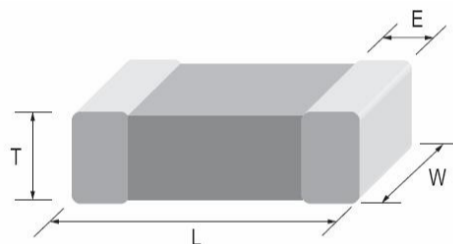


### ◆ Application

Filtering between analog and digital circuitry, clock Generation circuitry, I/O interconnects, isolation between RF noisy circuits and logic devices susceptible to functional degradation, power supply filtering to prevent conducted RF energy from corrupting the power generation circuitry, high frequency EMI prevention of computer, printers, VCRs, TVs and portable telephones.

### ◆ Dimensions Unit: mm

Size(EIA)	L	W	T	E
4532(1812)	4.5±0.2	3.2±0.2	1.5±0.2	0.6~1



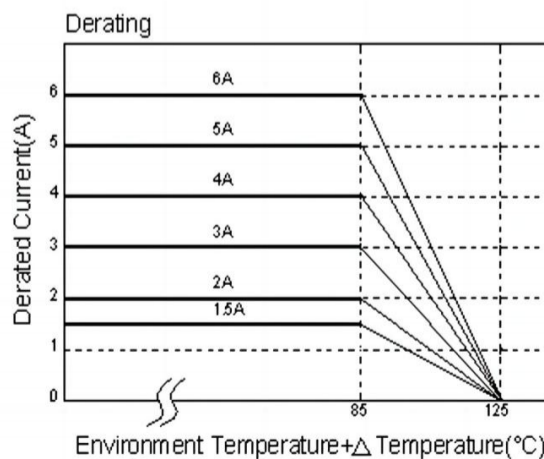
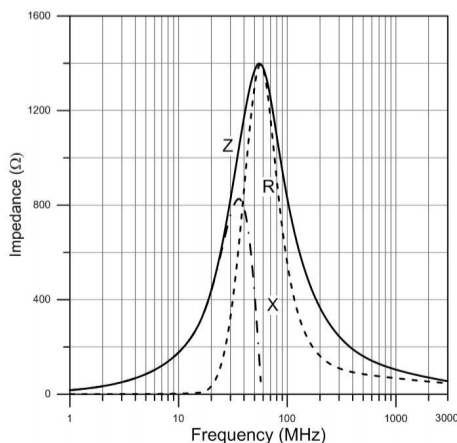
### ◆ Electrical Characteristics

	Z@100MHz	DCR(Max.)	Rated Current
Unit	Ω	Ω	mA
Min.	975	0.04	3000
Typ.	1300		
Max.	1625		

### ◆ Derating Curve

For the ferrite chip bead which withstanding current over 1.5A, as the operating temperature over 85℃, the derating current information is necessary to consider with. For the detail derating of current, please refer to the Derated Current vs. Operating Temperature curve.

### ◆ Detail Electrical Characteristics



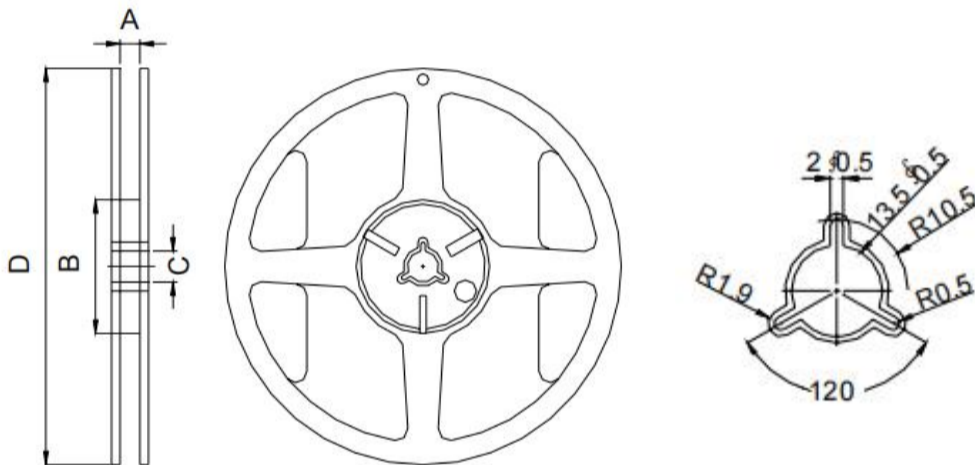
**◆Packaging Information**

Tape Carrier Packaging:

Packaging code: T

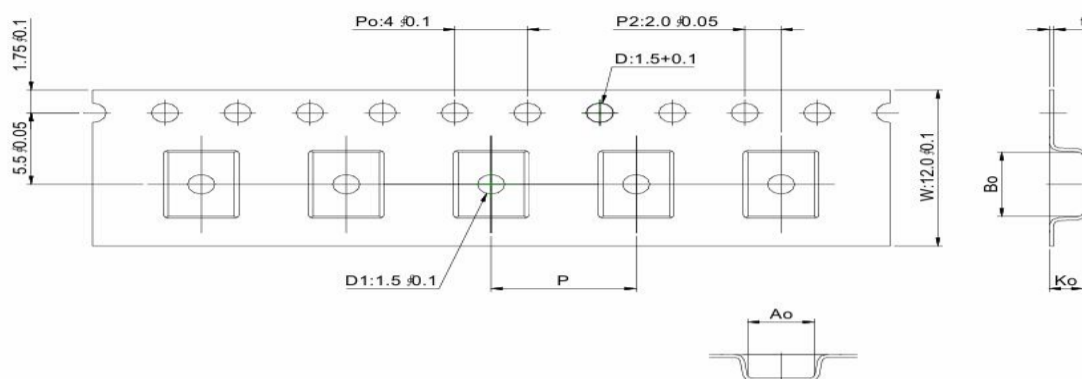
- Tape carrier packaging are specified in attached figure
- Tape carrier packaging quantity please see the following table

Type	4532(1812)
Tape	Paper Tape
Quantity	1K

**(1) Taping Drawings (Unit: mm)**


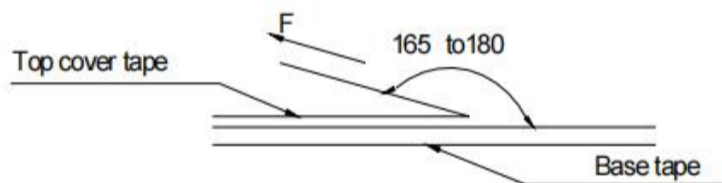
Type	A(mm)	B(mm)	C(mm)	D(mm)
7"x12mm	13.5±0.5	60±2	13.5±0.5	178±2

(2) Taping Dimensions (Unit: mm)



Size	Bo(mm)	Ao(mm)	Ko(mm)	P(mm)	t(mm)
SBH4532H132QSP	4.70±0.10	3.45±0.10	1.60±0.10	8.0±0.10	0.24±0.05

(3) Tearing Off Force



The force for tearing off cover tape is 15 to 60 grams in the arrow direction under the following conditions.