

High Current Chip Ferrite Bead

◆ Features

- 1、Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- 2、Large withstand current (allowable current: up to 6A)
- 3、Can be used in a wide range of frequency to suppress EMI
- 4、Three types material and wide range of impedance values for various applications
- 5、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.

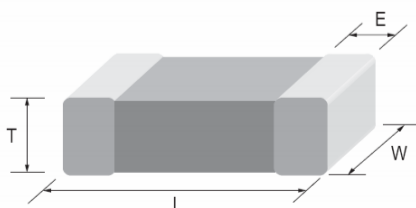
◆ PRODUCT IDENTIFICATION

SBH 4532 S 600 W S P
(1) (2) (3) (4) (5) (6) (7)

- (1) Series Type
- (2) Chip Size (mm) : Length X Width
- (3) Material Code
- (4) Nominal Impedance: 600=60Ω; 601=600Ω; 102=1000Ω
- (5) Rated Current: E=300mA; F=500mA; J=800mA; L=1000mA; M=1500mA; N=2000mA; P=2500mA; Q=3000mA; R=4000mA; U=5000mA W=6000mA.
- (6) Company Code
- (7) Packaging: P—Embossed paper tape, 7" reel
E- Embossed plastic tape, 7" reel

◆ Dimensions Unit: mm

Size(EIA)	L	W	T	E
4532 (1812)	4.50±0.20	3.20±0.20	1.50±0.20	0.50±0.30



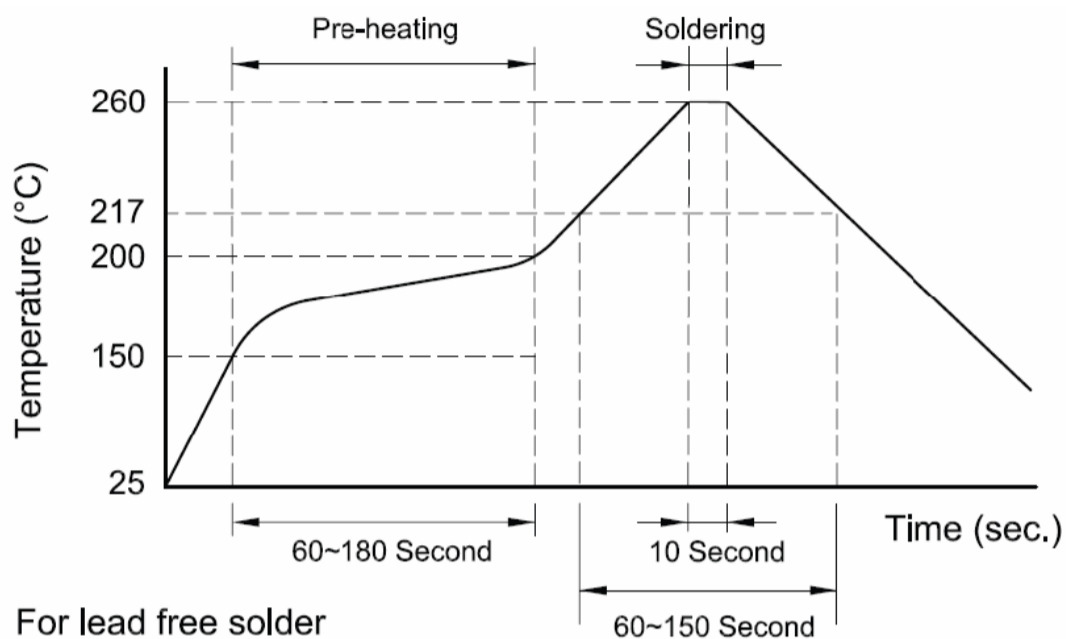
◆ Specifications

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
SBH4532Series				
SBH4532S600WSP	60 $\pm$ 25%	100	0.010	6000
SBH4532S101WSP	100 $\pm$ 25%	100	0.015	6000
SBH4532S121USP	120 $\pm$ 25%	100	0.020	5000
SBH4532S181RSP	180 $\pm$ 25%	100	0.025	4000
SBH4532S221QSP	220 $\pm$ 25%	100	0.040	3000
SBH4532S601NSP	600 $\pm$ 25%	100	0.050	2000
SBH4532S102NSP	1000 $\pm$ 25%	100	0.060	2000

◆ General Technical Data

Operating Temperature Range	-55 $^{\circ}$ C ~ +125 $^{\circ}$ C
Storage Condition	Less than 40 $^{\circ}$ C and 70% RH
Soldering Method	Reflow or Wave Soldering

◆ Recommended Soldering Conditions



◆ Characteristics

SBH4532S TYPE

