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CMBH4532S Series

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.

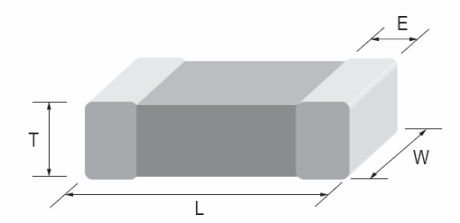
◆ PRODUCT IDENTIFICATION

CMBH	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 Curren：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



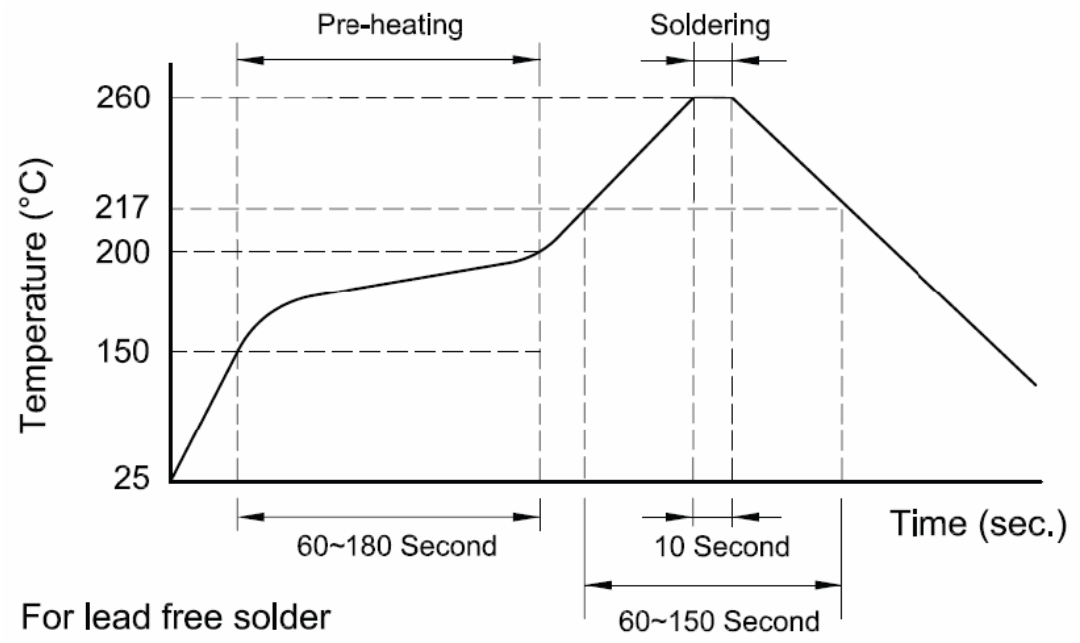
◆Specifications

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
CMBH4532Series				
CMBH4532S600WSP	60±25%	100	0.010	6000
CMBH4532S101WSP	100±25%	100	0.015	6000
CMBH4532S121USP	120±25%	100	0.020	5000
CMBH4532S181RSP	180±25%	100	0.025	4000
CMBH4532S221QSP	220±25%	100	0.040	3000
CMBH4532S601NSP	600±25%	100	0.050	2000
CMBH4532S102NSP	1000±25%	100	0.060	2000

◆ General Technical Data

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

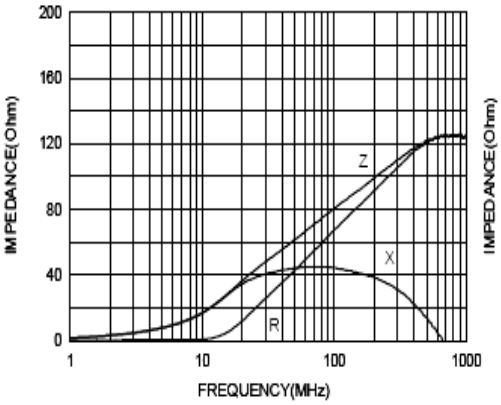
◆ Recommended Soldering Conditions



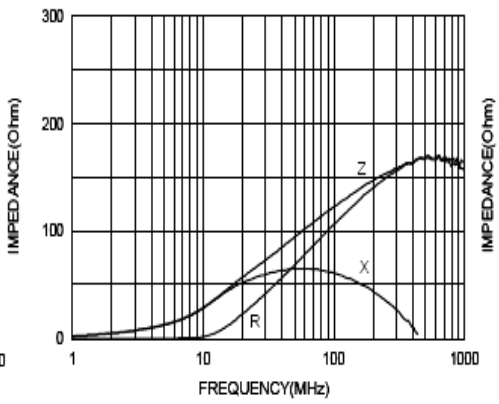
◆ Characteristics

CMBH4532 TYPE

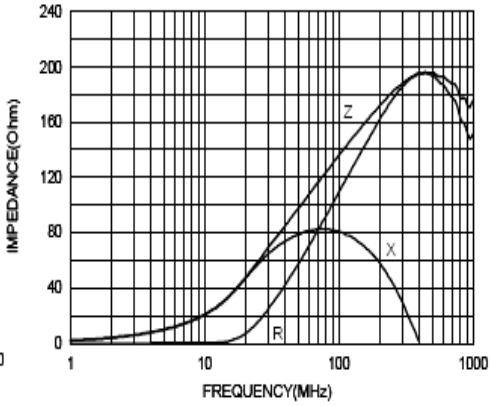
CMBH4532S600WSP



CMBH4532S121USP



CMBH4532S181RSP



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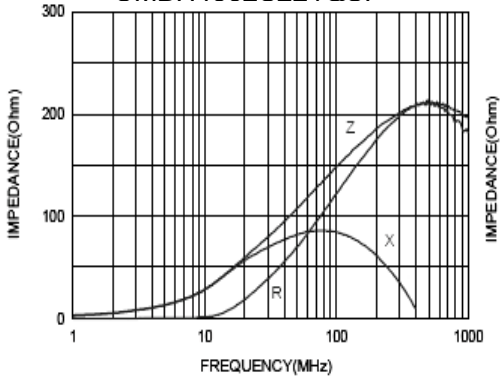
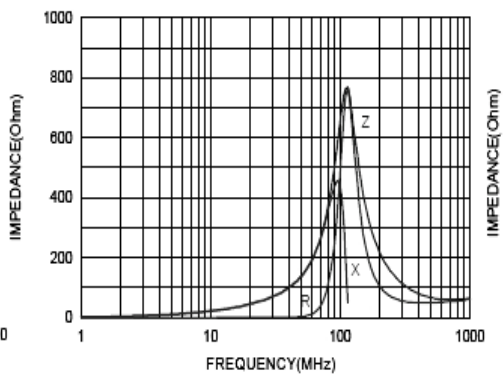


CMBH4532S601NSP



CMBH4532S102NSP