

CMBH3216S Series

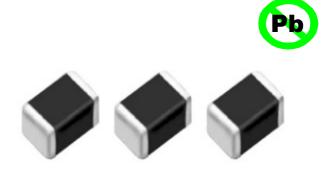
High Current Chip Ferrite Bead

Features

- 1 Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- 2. Large withstand current (allowable current:up to 6A)
- 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.
- 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

СМВН	3216	S	600	U	S	Ρ
(1)	(2)	(3)	(4)	(5)	(6)	(7)

- (1) Series Type
- (2) Chip Size (mm) :Length X Width
- (3) Material Code
- (4) Nominal Impedance: $600=60\Omega$; $601=600\Omega$;

102=1000Ω

(5) Rated Curren: E=300mA;F=500mA;J=800mA

L =1000mA; M=1500mA;

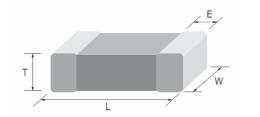
N=2000mA; P=2500mA;

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	т	Е	
3216(1206)	3.20±0.20	1.60±0.20	1.10±0.20	0.50±0.30	



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♦ Specifications

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
CMBH3216 Series	_			
CMBH3216S300WSP	30±25%	100	0.010	6000
CMBH3216S600USP	60±25%	100	0.015	5000
CMBH3216S750RSP	75±25%	100	0.020	4000
CMBH3216S900QSP	90±25%	100	0.025	3000
CMBH3216S121QSP	120±25%	100	0.030	3000
CMBH3216S181QSP	180±25%	100	0.037	3000
CMBH3216S221QSP	220±25%	100	0.040	3000
CMBH3216S301QSP	300±25%	100	0.040	3000
CMBH3216S601NSP	600±25%	100	0.100	2000
CMBH3216S102LSP	1000±25%	100	0.300	1000

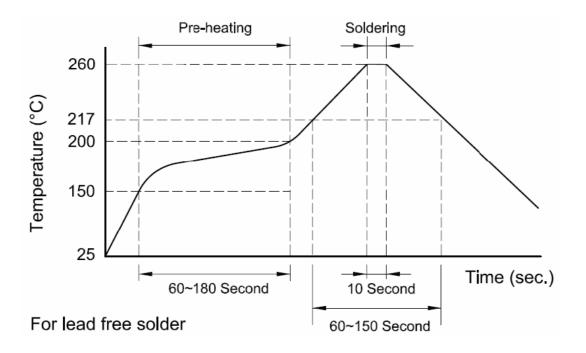
General Technical Data

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

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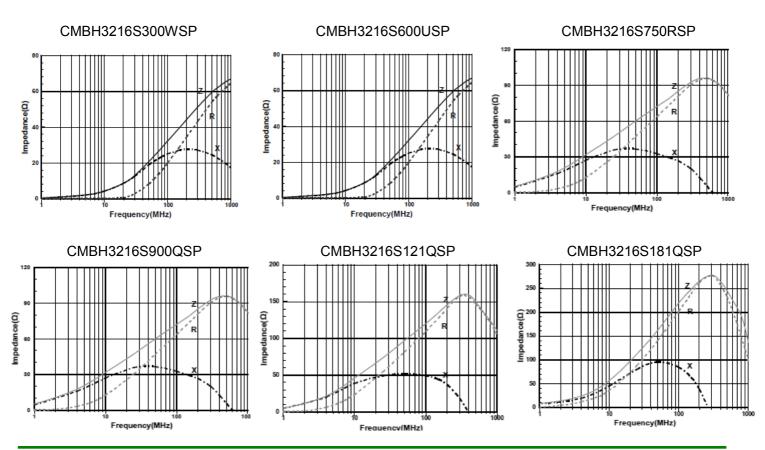
CMBH3216S Series

Recommended Soldering Conditions



Characteristics

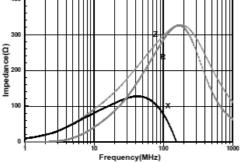
CMBH3216 TYPE

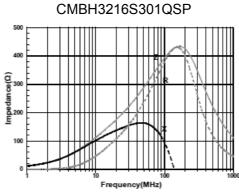


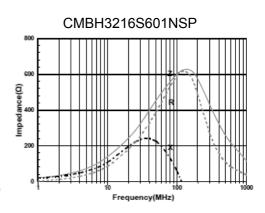
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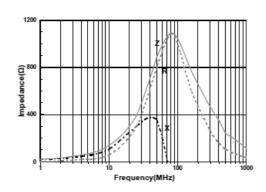
CMBH3216S Series











CMBH3216S102LSP

Package

Size EIA (EIA)	1005	1608	2012	3216	4532
	(0402)	(0603)	(0805)	(1206)	(1812)
Standard Packing Quantity (pcs / reel)	10,000	4,000	4,000	4,000	1,000

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