

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.

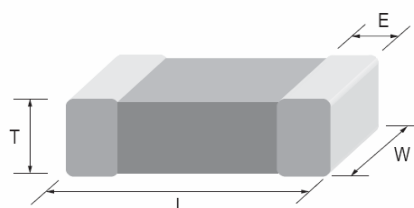
◆ **PRODUCT IDENTIFICATION**

CMBH 1608 S 601 J 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
1608(0603)	1.60±0.15	0.88±0.15	0.80±0.15	0.30±0.20



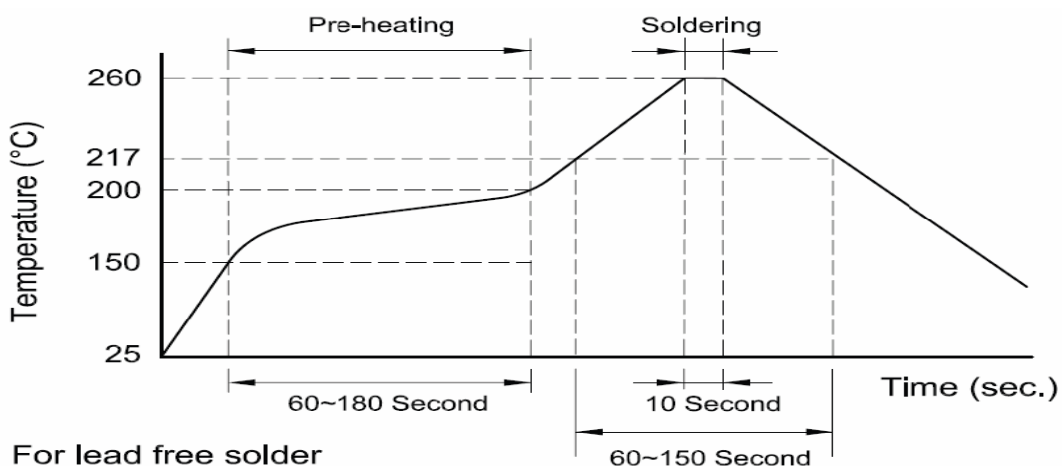
◆ Specifications

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
CMBH1608S Series				
CMBH1608S100QSP	10±25%	100	0.040	3000
CMBH1608S300QSP	30±25%	100	0.040	3000
CMBH1608S600QSP	60±25%	100	0.040	3000
CMBH1608S900QSP	90±25%	100	0.040	3000
CMBH1608S121QSP	120±25%	100	0.070	3000
CMBH1608S181NSP	180±25%	100	0.080	2000
CMBH1608S221NSP	220±25%	100	0.090	2000
CMBH1608S301LSP	300±25%	100	0.110	1000
CMBH1608S471LSP	470±25%	100	0.150	1000
CMBH1608S601LSP	600±25%	100	0.200	1000
CMBH1608S102LSP	1000±25%	100	0.300	1000
CMBH1608S152FSP	1500±25%	100	0.400	500

◆ General Technical Data

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

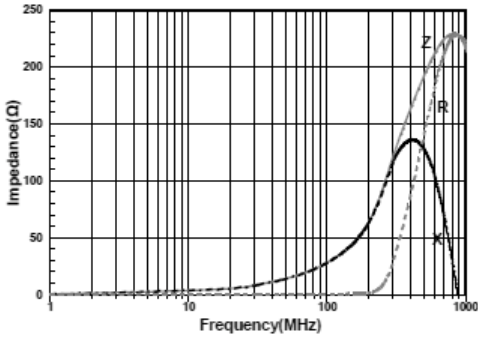
◆ Recommended Soldering Conditions



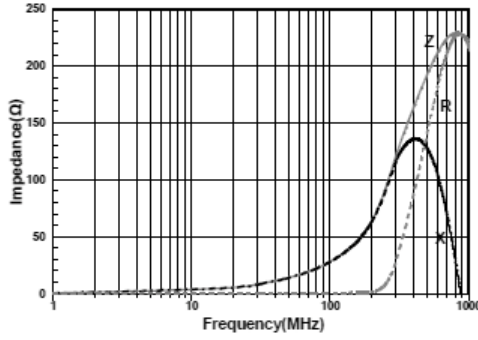
◆ Characteristics

CMBH1608S TYPE

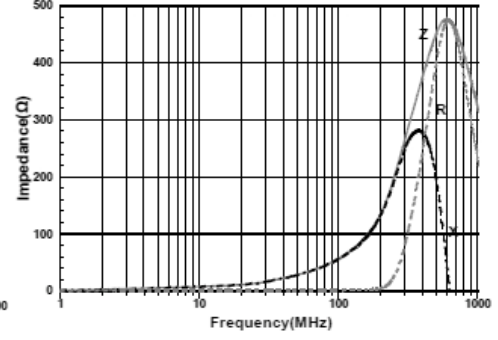
CMBH1608S100QSP



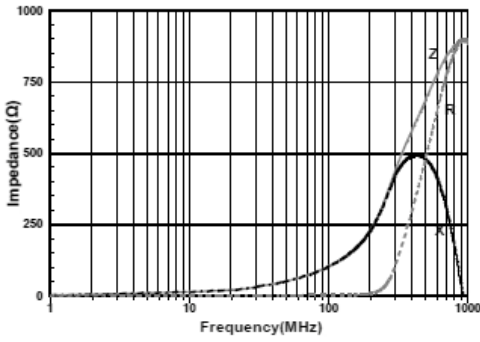
CMBH1608S300QSP



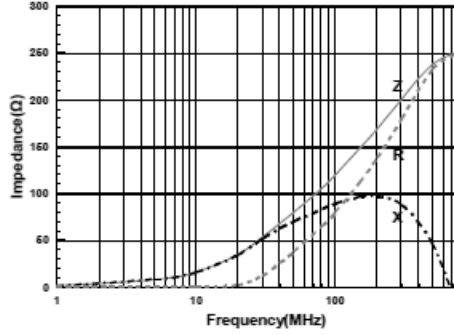
CMBH1608S600PSP



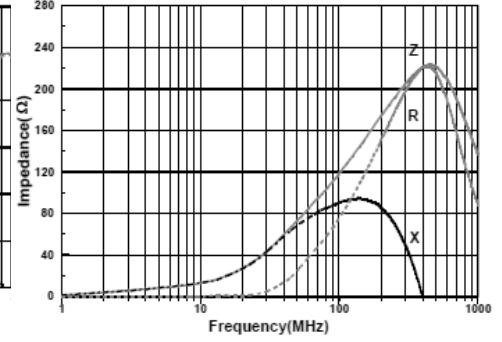
CMBH1608S900PSP C



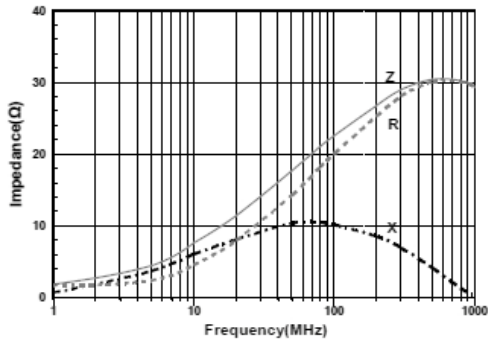
MBH1608S121NSP



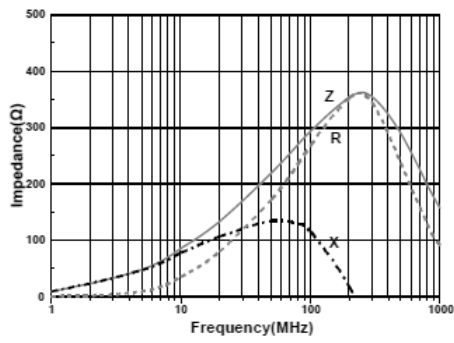
CMBH1608S181MSP



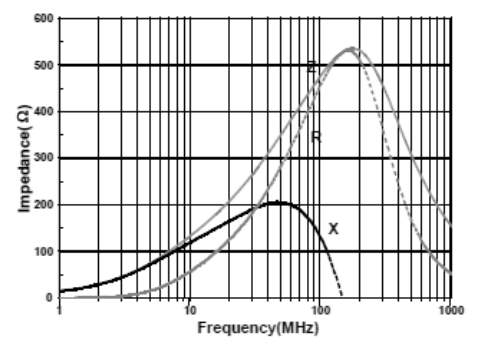
CMBH1608S221MSP



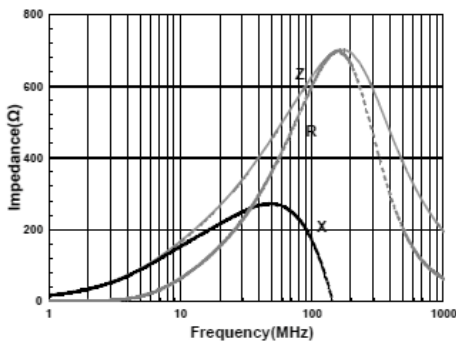
CMBH1608S301LSP



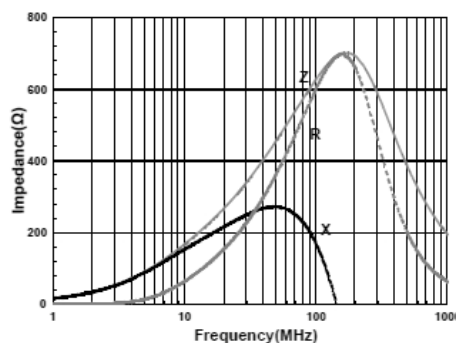
CMBH1608S471LSP



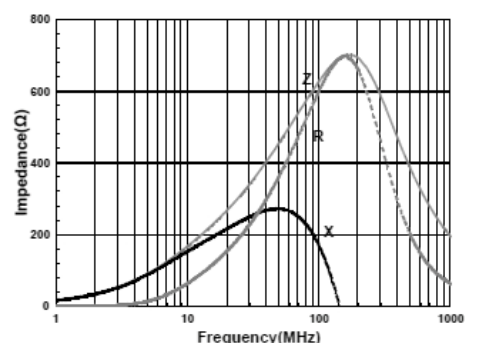
CMBH1608S601LSP



CMBH1608S102LSP



CMBH1608S152FSP



◆ Package

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ferrite Beads](#) category:

Click to view products by [Cybermax](#) manufacturer:

Other Similar products are found below :

[2943778301](#) [BMB1J0120BN3JIT](#) [82350120560](#) [0261014605](#) [2643066902](#) [3061000011](#) [2673045901](#) [2643083601](#) [2643074901](#) [4361142521](#)
[4078078621](#) [4078044821](#) [4078033621](#) [CZB2BFTTE121P](#) [BMB2A0120AN2](#) [BMB1J0200BN3JIT](#) [EMI0805R-220](#) [74279250](#) [7427924](#)
[CZB1JGTTD202P](#) [MAF0603GWY551AT000](#) [MAF1005GWZ102AT000](#) [BLM18HE152SH1D](#) [2944778302](#) [BLM02PX600SN1D](#) [SMB2.5-1](#)
[EMI1206R-600](#) [BLM02KX180SN1D](#) [BLM02BC100SN1D](#) [BLM02KX100SN1D](#) [BLM02BB101SN1D](#) [BLM02BC220SN1D](#)
[BLE32PN260SH1L](#) [BLE32PN260SN1L](#) [BLE32PN260SZ1L](#) [74275013](#) [7427503](#) [BLM18HE601SH1D](#) [BLM15BD152SN1D](#)
[BLM15BD152SZ1D](#) [BLE18PS080SZ1D](#) [BLM21PG221BH1D](#) [WLBD1005HCU330TL](#) [BLM21AG471BH1D](#) [BLE18PS080BH1D](#)
[BLM21AG331BH1D](#) [BLM21PG300BH1D](#) [BLM21PG600BH1D](#) [BLM03HB401SZ1D](#) [BLM03HB401SN1D](#)