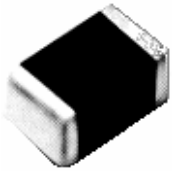


## High Current Ferrite Chip Bead



Impedance Range : 30 to 1300 Ohms@100MHz  
 Operating Temperature Range : -55 C to +125C  
 Soldering Method: Reflow or Wave soldering  
 Packing Method: Tape & Reel Per EIA specifications  
 Storage Temperature : -40°C to +80°Cmax, 70%RH Max

### Features

Combination of high frequency noise suppression with capability of handling high current, The current rating up to 6Amps with low DCR.

### Application field

High current DC power lines, Circuits where a stable ground is unavailable.

### Part Number Code

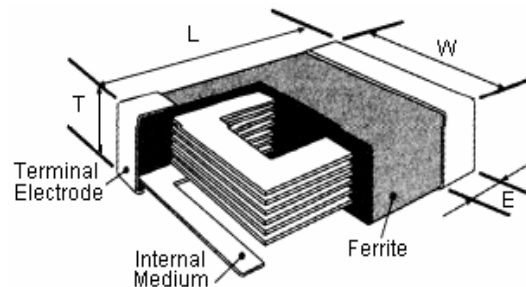
**MHC**    **1608**    **S**    **12**    **1**    **A**    **A**  
 1            2            3            4            5            6            7

1. Series Name
2. Size Code : the first two digitals : length(mm), the last two digitals : width(mm)
3. Product characteristics : S = for standard speed
4. Impedance (ohm)  $\pm 25\%$ , 600=60ohm, 601=600ohm
5. Fixed decimal point
6. Rated current code :  
 L= 1000ma    M=1500mA    N=2000mA    P=2500mA  
 Q=3000mA    R=4000mA    U=5000mA    W=6000mA
7. Soldering: A = lead-free



### Shape and dimensions

Size	L mm(inch)	W mm(inch)	T mm(inch)	E mm(inch)
1608	1.60±0.15	0.80±0.15	0.80±0.150	0.30±0.20
(0603)	0.063±0.006	0.031±0.006	0.031±0.006	0.012±0.008
2012	2.00±0.200	1.25±0.200	0.90±0.20	0.50±0.30
(0805)	0.079±0.008	0.049±0.008	0.035±0.008	.020±0.012
3216	3.20±0.20	1.60±0.200	1.10±0.200	0.50±0.30
(1206)	0.126±0.008	0.063±0.008	0.043±0.008	0.020±0.012
4516	4.50±0.25	1.60±0.008	1.60±0.200	0.60±0.40
(1806)	0.177±0.010	0.063±0.008	0.063±0.008	0.024±0.016
4532	4.50±0.25	3.20±0.250	1.50±0.250	0.60±0.40
(1812)	0.177±0.010	0.126±0.010	0.059±0.010	0.022±0.016



**MOTOCRAFT**