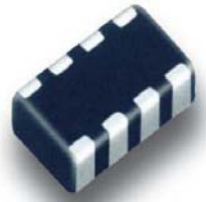


MTC

4 Line Array Ferrite Chip Bead



Impedance Range : 60 to 1000 Ohms

Operating Temperature Range : -55°C to +125°C

Soldering Method : Reflow or Wave Soldering

Packaging Method : Tape & Reel (per EIA Specifications)

Storage Temperature : -40°C to + 85%, 70% RH Max

Features

Combines 4 single 1608(0603) chips into one package 3216(1206) to reduce board space, and placement time. The 0.8mm terminal pitch makes easy to apply EMI prevention in multiple-lines such as connectors and IC pins. Designed material and construction minimize cross talk between adjacent circuits. M4A S series chip array beads provide eddectively filtering capability over a wide range of frequency.

Application Field

Filtering between analog and digital circuitry, clock generation circuitry, I/O interconnects, isolation between RF noisy circuits and logic devices susceptible to functional degradation, power supply filtering to prevent conducted RF energy from corrupting the power generation circuitry, high frequency EMI prevention of computers, printers, VCRs, TVs and portable telephones.

Part Number Code

<u>M4A</u>	<u>3216</u>	<u>S</u>	<u>12</u>	<u>1</u>	<u>A</u>	<u>A</u>
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 Application

4. Impedance(Ω) + 25% (ex : 600=60 Ω ; 601=600 Ω)

5. Fixed Decimal Point

6.Rated Current Code

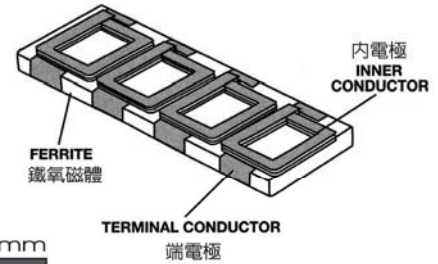
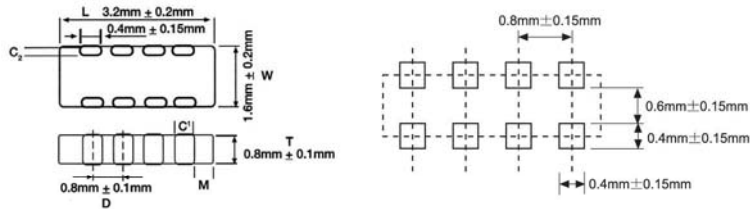
A=50mA B=80mA C=100mA D=150mA E=200mA F=300mA

7.Soldering A=Lead free

MTC

4 Line Array Ferrite Chip Bead

Shape and Dimensions



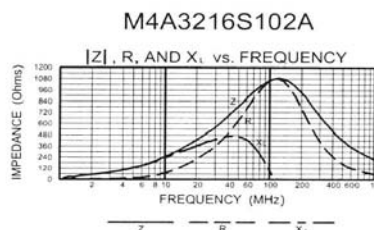
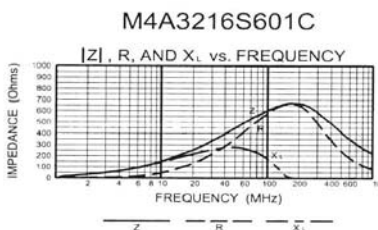
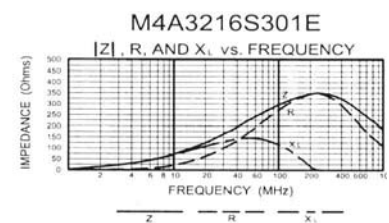
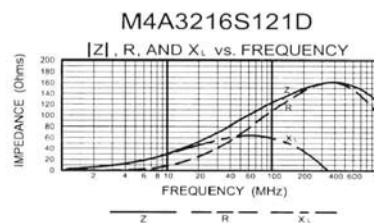
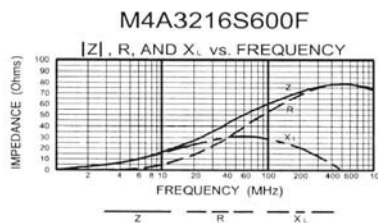
Unit : mm

	L	W	T	C1	C2	D
Silver Termination Width 端電極寬度	3.20 ± 0.20	1.60 ± 0.2	0.80 ± 0.10	0.45 ± 0.15	0.37 ± 0.17	0.80 ± 0.10

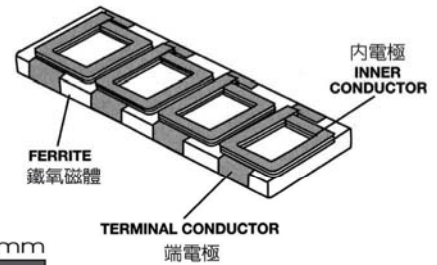
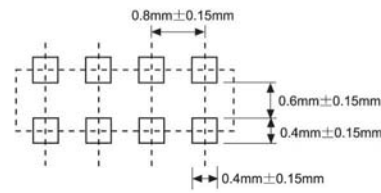
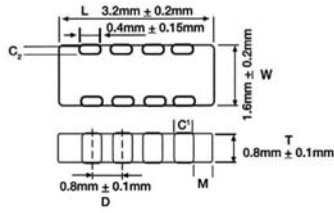
Specifications

Part No.	Impedance +/- 25% (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
M4A3216S600F	60	100	0.12	300
M4A3216S121D	120	100	0.20	150
M4A3216S301E	300	100	0.40	200
M4A3216S601C	600	100	0.60	100
M4A3216S102A	1000	100	0.80	50

Impedance vs. Frequency



Shape and Dimensions



Unit : mm

	L	W	T	C1	C2	D
Silver Termination Width 端電極寬度	3.20 ±0.20	1.60 ±0.2	0.80 ±0.10	0.45 ±0.15	0.37 ±0.17	0.80 ±0.10

Specifications

Part No.	Impedance +/- 25%(Ω)	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
M4A3216H121D	120	100	0.30	150
M4A3216H221D	220	100	0.40	150
M4A3216H241D	240	100	0.40	150
M4A3216H301D	300	100	0.40	150

Impedance vs. Frequency

