



# Multilayer Ferrite Chip Beads TA Series (Arrays)

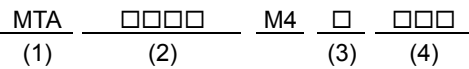
## Features

- \* This series composes 4 circuits in a 3.2X1.6 mm body with 0.8 mm pitch.
- \* The electrical characteristics are similar to those of TB series.
- \* High impedance cover wide frequency ranges.

## Applications

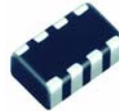
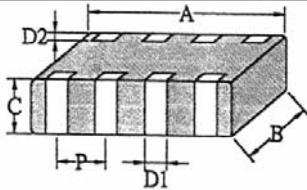
- \* Noise suppression for the compact size digital equipment, such as I/O lines of PCs and notebook PCs, digital TVs and VCRs, and communications equipment.

## Product Identifications



- (1) Product Symbol: MTW's Multilayer Chip Beads Array
- (2) Dimensions: Length (A) × Width (B)
- (3) Material Code
- (4) Impedance

## Shapes and Dimensions / Recommended PC Board Pattern



Dimensions in mm

TYPE	A	B	C	D1	D2	P
TA2010	2.0±0.2	1.0±0.2	0.5±0.1	0.25±0.15	0.2±0.15	0.5±0.1
TA3216	3.2±0.2	1.6±0.2	0.8±0.2	0.4±0.2	0.3±0.2	0.8±0.1

## Electrical Characteristics

All Type

Part Number	Impedance (Ω) ±25% At 100MHz	DC Resistance (Ω) MAX.	Rated Current (mA) MAX.
MTA 2010M4 G300	30	0.30	500
MTA 2010M4 G600	60	0.40	200
MTA 2010M4 G121	120	0.50	200
MTA 2010M4 G221	220	0.70	100
MTA 2010M4 G301	300	0.80	100
MTA 2010M4 G451	450	0.90	100
MTA 2010M4 G601	600	1.00	100
MTA 2010M4 G102	1000	1.30	50
MTA 3216M4 Z300	30	0.10	200
MTA 3216M4 Z600	60	0.25	200
MTA 3216M4 Z121	120	0.30	150
MTA 3216M4 Z221	220	0.30	150
MTA 3216M4 Z301	300	0.40	150
MTA 3216M4 Z601	600	0.50	100
MTA 3216M4 Z102	1000	0.70	50
MTA 3216M4 U300	30	0.10	200
MTA 3216M4 U600	60	0.25	200
MTA 3216M4 U121	120	0.30	150
MTA 3216M4 U221	220	0.30	150
MTA 3216M4 U301	300	0.40	150



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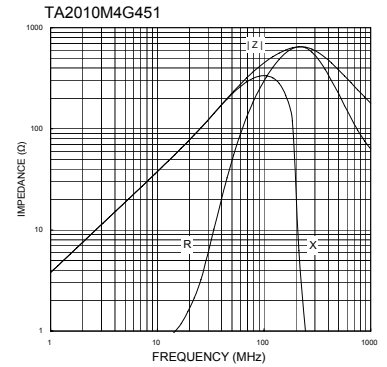
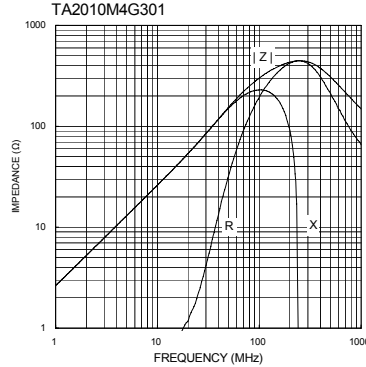
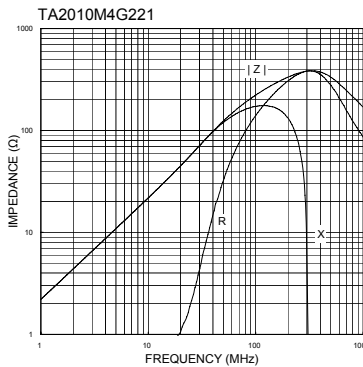
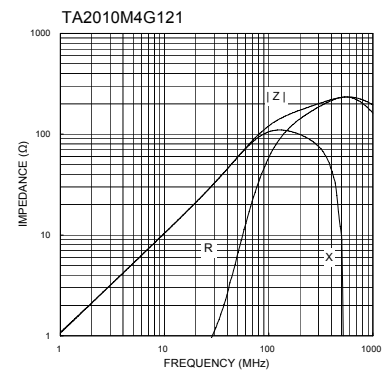
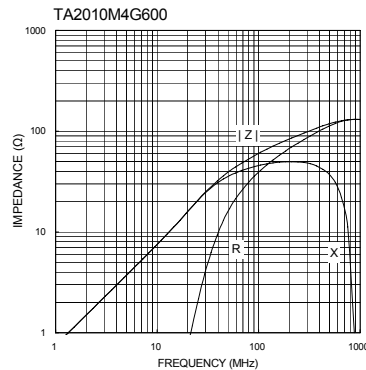
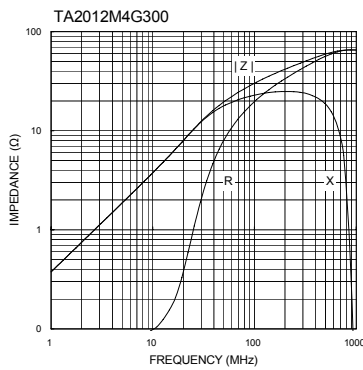
## Electrical Characteristics

All Type

Part Number	Impedance ( $\Omega$ ) $\pm 25\%$ At 100MHz	DC Resistance ( $\Omega$ ) MAX.	Rated Current (mA) MAX.
MTA 3216M4 U601	600	0.50	100
MTA 3216M4 U102	1000	0.70	50
MTA 3216M4 G300	30	0.25	200
MTA 3216M4 G600	60	0.25	200
MTA 3216M4 G121	120	0.40	150
MTA 3216M4 G221	220	0.45	150
MTA 3216M4 G301	300	0.50	150
MTA 3216M4 G471	470	0.55	100
MTA 3216M4 G601	600	0.65	100
MTA 3216M4 G102	1000	0.70	50

## Electrical Charts

All Type





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## Electrical Charts

All Type

