



FERRITE CHIP ARRAYS

T Y P E A C A

FEATURES

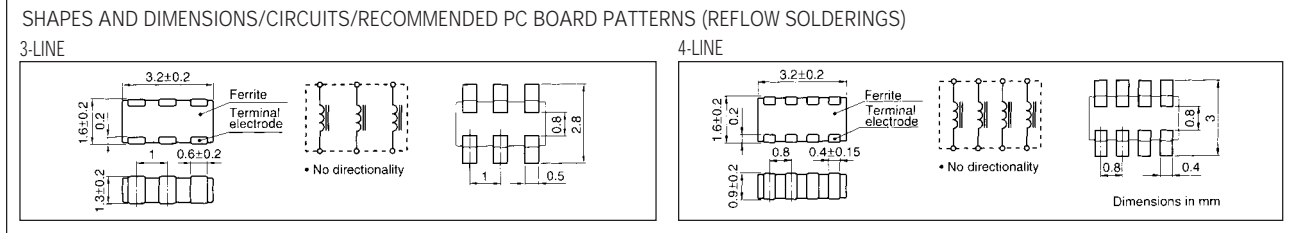
- One chip can suppress noise on 3, 4, and 6 lines. Especially this chip is appropriate for EMC suppression of the I/O lines of electronic apparatuses requiring higher density implementation such as portable apparatuses.
- M series for general signals and H series for high speed signals (high frequency band) are available. Noise suppression for various circuit patterns can be performed.
- Three-line type specific to EMC suppression for audio and headphone lines is also available.
- 4-line type with shape 3216 can be used for replacing a standard chip resistor array without changing soldered land patterns.

APPLICATIONS

- Noise suppression for audio lines and headphone lines for CD-ROM, DVD, MD, and so on (3-line type).
- Noise suppression for the I/O lines of notebook PCs, word processors, digital TVs/VTRs, and portable communication apparatuses.

ACA3216 TYPE (3- AND 4-LINE)

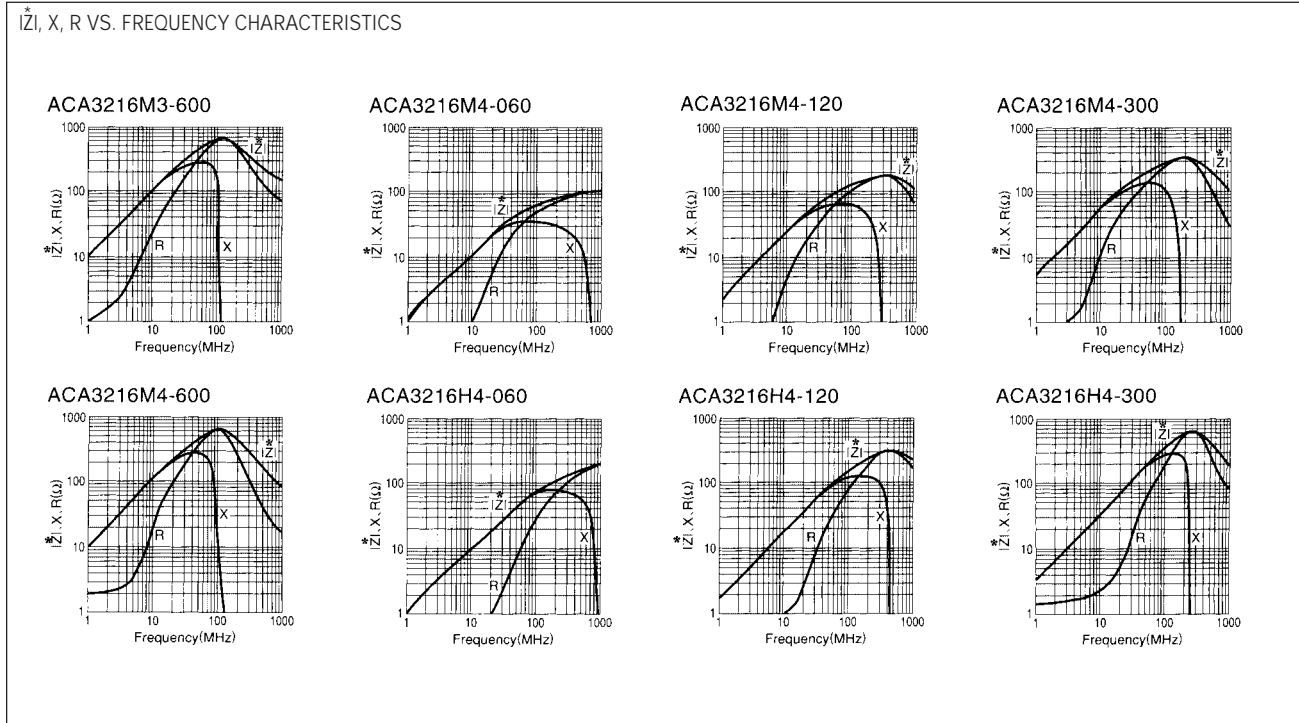
(Unit: mm)



ELECTRICAL CHARACTERISTICS

Part No.	Impedance (Ω) [100MHz]	DC Resistance (Ω)max.	Rated Current (mA)max.	Pitch (mm)	Built-in line number	Voltage between lines Edc(V)max.
ACA3216M3-600-□*	600 ± 25%	0.85	100	1	3	12
ACA3216M4-060-□	60 ± 25%	0.4	300	0.8	4	12
ACA3216M4-120-□	120 ± 25%	1	200	0.8	4	12
ACA3216M4-300-□	300 ± 25%	1.7	100	0.8	4	12
ACA3216M4-600-□	600 ± 25%	2.3	60	0.8	4	12
ACA3216H4-060-□	60 ± 25%	0.5	250	0.8	4	12
ACA3216H4-120-□	120 ± 25%	0.8	150	0.8	4	12
ACA3216H4-300-□	300 ± 25%	1.7	100	0.8	4	12

TYPICAL ELECTRICAL CHARACTERISTICS



* TEST EQUIPMENT: RF IMPEDANCE ANALYZER YHP4191A