

Filters
EMI/EMC
Common-mode choke coil

FERRITE CHIP COMMON-MODE CHOKES

ACM series

FEATURES

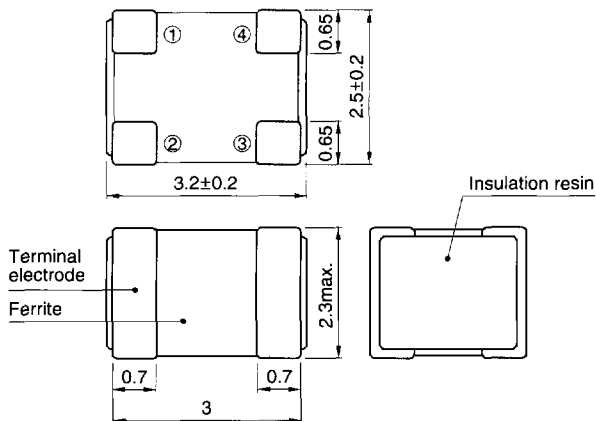
- A sleeve core and bobbin core of highly accurate dimensions have been achieved the closed magnetic circuit. Compared to previous components using a toroidal core, this means a reduction in volume to around 1/15. It is also cleans the impedance 1000Ω at 100MHz for common-mode noise components.
- As a result of development of automated systems that perform high precision bifiler winding, a coupling effect between each winding of over 0.99 for the miniature drum core has been achieved.



SHAPES AND DIMENSIONS

2-LINE (For signal line)

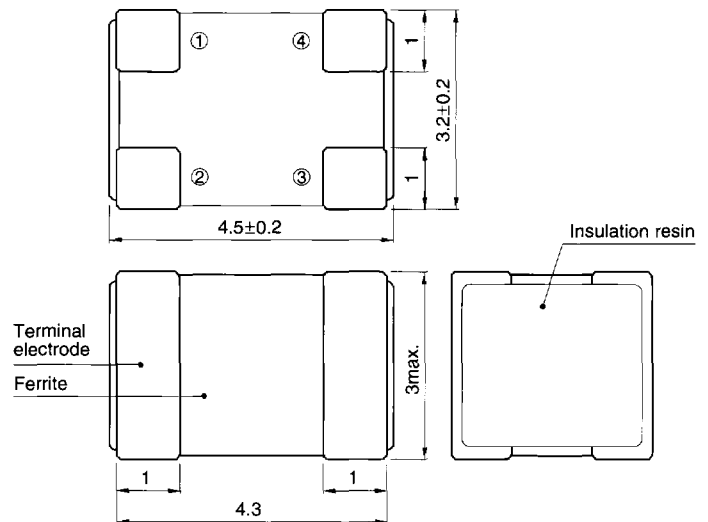
ACM3225-102-2P



2-LINE (For large current)

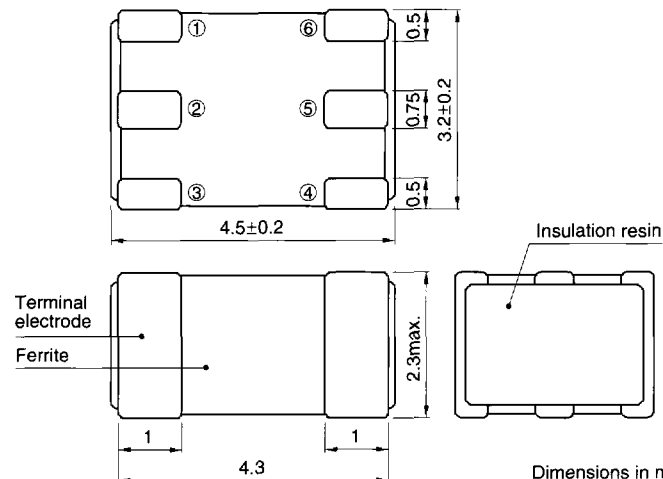
ACM4532-601-2P

ACM4532-801-2P



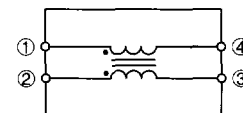
3-LINE (For signal line)

ACM4532-102-3P



CIRCUITS

2P (2-line) TYPE



3P (3-line) TYPE



Dimensions in mm



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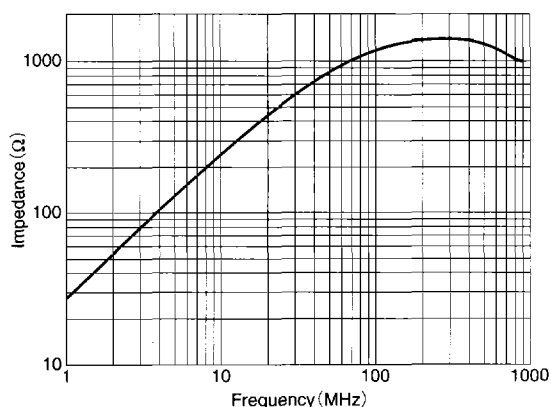
ELECTRICAL CHARACTERISTICS

Part No.	Impedance (Ω)[100MHz]	DC resistance (Ω)max.	Rated voltage Edc(V)max.	Rated current Idc(A)max.	Insulation resistance (M Ω)min.
ACM3225-102-2P-□*	1000 $\pm$ 25%	0.5[Per 1line]	20	0.2	10
ACM4532-601-2P-□	600 $\pm$ 25%	0.1[Per 1line]	50	1.5	20
ACM4532-801-2P-□	800 $\pm$ 25%	0.1[Per 1line]	50	1	10
ACM4532-102-3P-□	1000 $\pm$ 25%	0.6[Per 1line]	20	0.2	10

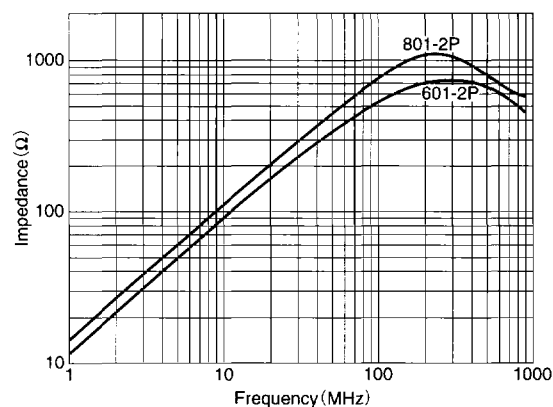
*□ Packaging style (T: Taping [ø180mm reel], TL: Taping [ø330mm reel], B: Bulk)

TYPICAL ELECTRICAL CHARACTERISTICS IMPEDANCE vs. FREQUENCY CHARACTERISTICS

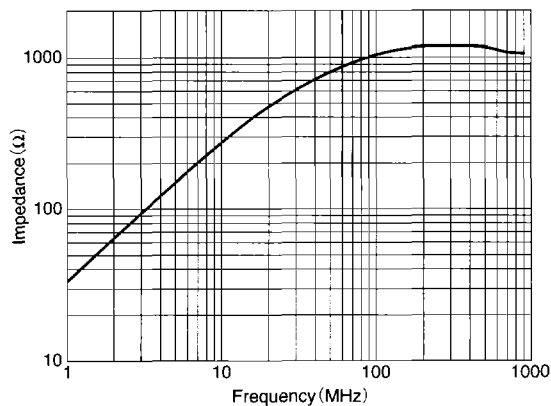
ACM3225-102-2P



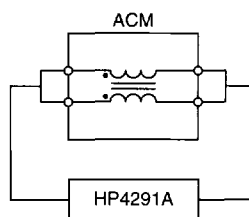
ACM4532-601-2P
ACM4532-801-2P



ACM4532-102-3P



MEASURING CIRCUITS



Specifications which provide more details for the proper and safe use of the described product are available upon request.

All specifications are subject to change without notice.