

Common Mode Filters(SMD) For Power Line

Conformity to RoHS Directive

ACM Series ACM4520 Type

FEATURES

- Several large current products are prepared to correspond to the various applications.
- Low profile and compact shape, it is suited for surface mounting.
- It shows high common-mode impedance despite of its compact shape.

APPLICATIONS

Radiation noise suppression for power line (DVC, DVD cam, DSC, etc.)

TEMPERATURE RANGE

Operating	−40 to +85°C	
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PACKAGING STYLE AND QUANTITIES

Packaging style	Reel	Quantity	Quantity	
Taping	ø180mm	800 pieces/reel	800 pieces/reel	
	ø330mm	2500 pieces/reel		

PRODUCT IDENTIFICATION

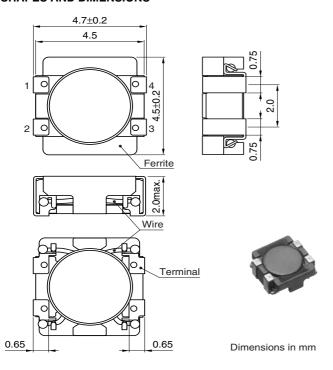
ACM	4520	- 901	- 2P	- T -	000
(1)	(2)	(3)	(4)	(5)	(6)

- (1) Series name
- (2) Dimensions W×T 4520: 4.5×2.0mm
- (3) Impedance [at 100MHz]

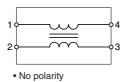
901: 900Ω 142: 1400Ω

- (4) Numbers of lines 2P: 2-line
- (5) Packaging styleT: ø180mm reel tapingTL: ø330mm reel tapingB: Bulk
- (6) TDK internal code

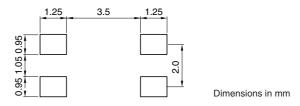
SHAPES AND DIMENSIONS



CIRCUIT DIAGRAM



RECOMMENDED PC BOARD PATTERN



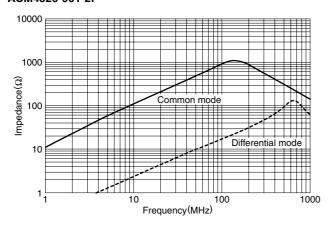
• Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.



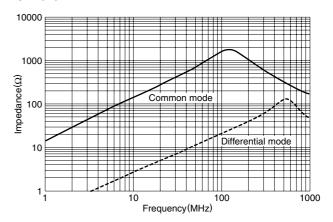
ELECTRICAL CHARACTERISTICS

Part No.	Common impedano (Ω)[at 100	е	DC resistance (Ω)max. — [1 line]	Rated current ldc (A)max.	Rated voltage Edc (V)max.	Insulation resistance $(M\Omega)$ min.
	min.	typ.	[i iiie]	(A)IIIax.		
ACM4520-901-2P	650	900	0.06	2.0	50	10
ACM4520-142-2P	1000	1400	0.08	1.5	50	10

TYPICAL ELECTRICAL CHARACTERISTICS IMPEDANCE vs. FREQUENCY CHARACTERISTICS ACM4520-901-2P



ACM4520-142-2P



[•] All specifications are subject to change without notice.