

EMI SUPPRESSION FILTER / AXCM Series

• Features

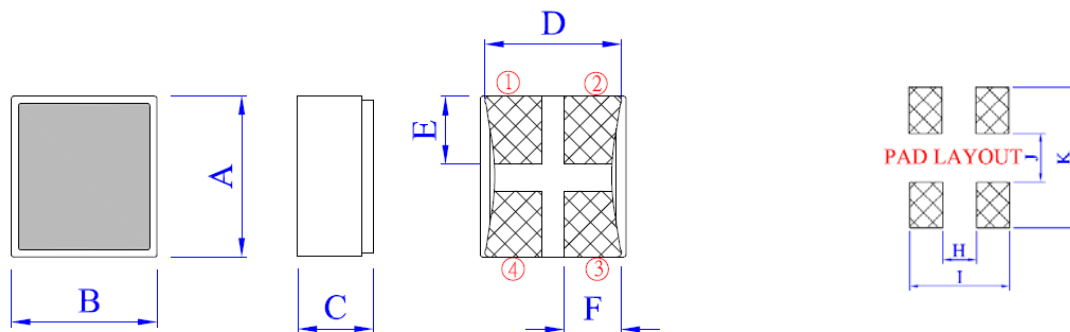
1. Small size and tight dimensional tolerance
2. High common mode impedance up to 90ohm(at 100MHz) is available.
3. DLM11S series enables noise suppression for differential signal line without distortion in high-speed signal transmission due to its line impedance matching.
4. High Cut-off Frequency.



• Applications

For general

• Shape & Dimensions



TYPE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (Ref.)	I (Ref.)	J (Ref.)	K (Ref.)
AXCM050530	5.0 ± 0.2	4.8 ± 0.2	2.5 MAX.	3.5 Ref.	1.9 Ref.	1.35 Ref.	0.8	4.0	1.0	5.6
AXCM050550	5.0 ± 0.2	4.8 ± 0.2	4.5 MAX.	3.5 Ref.	1.9 Ref.	1.35 Ref.	0.8	4.0	1.0	5.6

■ PRODUCT IDENTIFICATION

A X C M		0 5 0 5 3 0		△ △ △ — 1 0 1		T	△		
①		②		③		④		⑤	⑥
Product	Dimension	Type		Impedance(Ω)		Package		Special product	
AXCM	050530/050550	△△△: Type Code		101 100 501 500		T Taping reel B Bulk		"A~"Z"	

◆ AXCM050530 Series Specification :

Part Number	Common-Mode Impedance (Ω)	Test Freq. (MHz)	DCR Max. (m Ω)	Rated Current (A) Max.	Rated Voltage (V) Max.	Insulation Resistance (M Ω) Min.
AXCM050530-101T	100 (Typ)	100	9	6.0	50	10
AXCM050530-251T	250 (Typ)	100	14	5.0	50	10
AXCM050530-501T	500 (Typ)	100	19	4.0	50	10
AXCM050530-102T	1000 (Typ)	100	24	2.0	50	10
AXCM050530-142T	1400 (Typ)	100	40	1.5	50	10
AXCM050530-152T	1500 (Typ)	100	40	1.5	50	10

NOTE :

* The operating temperature range is -40°C to +85°C

◆ AXCM050550 Series Specification :

Part Number	Common-Mode Impedance @100MHz (Ω)	Inductance (uH) @100KHz/0.1V	DCR Max. (Ω)	Rated Current (A) Max.	Rated Voltage (V) Max.	Insulation Resistance (MΩ) Min.
AXCM050550-191T	190 (Typ)	0.6 (Typ)	0.02	5.0	50	10
AXCM050550-351T	350 (Typ)	1.1 (Typ)	0.04	2.0	50	10
AXCM050550-102T	1000 (Typ)	2.7 (Typ)	0.06	1.5	50	10
AXCM050550-152T	1500 (Typ)	3.6 (Typ)	0.10	1.0	50	10
AXCM050550-302T	3000 (Typ)	6.0 (Typ)	0.20	0.5	50	10
AXCM050550-402T	4000 (Typ)	8.0 (Typ)	0.30	0.2	50	10

NOTE :

* The operating temperature range is -40°C to +85°C