



MM1005 SERIES ~ SMD Common Mode Chokes



PART NUMBERING SYSTEM

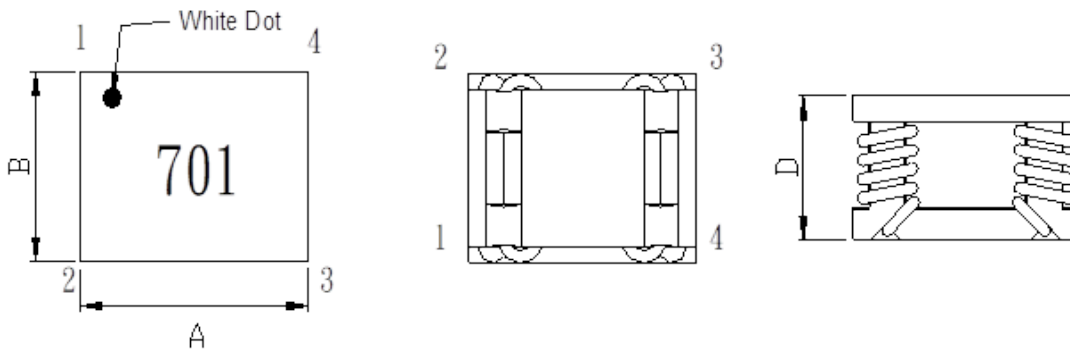
SMM	1 0 0 5	—	7 0 1	—	LF
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

FEATURES :

- High impedance for common mode noise and low low impedance for differential mode signal .
- Large rated current available .
- High stability due to pair wire windings .
- Wide band or shape type impedance available .
- Lead Free with RoHS compliant .

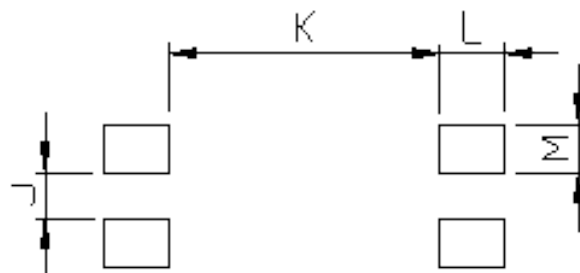
SHAPES AND DIMENSIONS

UNIT : mm



A= 10.30 Max. B= 8.30 Max. D= 5.50 Max.

PCB LAYOUT



J= 2.60 K= 4.20 L= 2.10 M= 2.40



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SPECIFICATION TABLE

PART NUMBER	IMPEDANCE Min. (Ω)	RATED CURRENT (mA)	DCR ($m\Omega$) (Max)	RATED VOLTAGE (Vdc)	INSULATION RESISTANCE (Ω)min
SMM1050-101-LF	100 @100MHz	10000	40.0	50	10M
SMM1050-401-LF	400 @100MHz	4000	45.0	50	10M
SMM1050-701-LF	400 @100MHz	4000	45.0	50	10M
SMM1050-901-LF	500 @100MHz	4000	45.0	50	10M
SMM1005-202-LF	2000 @100MHz	4000	45.0	50	10M

- Operating temperature range -40°C to $+85^{\circ}\text{C}$,
- Electrical specifications at 25°C .