



MM1006M SERIES ~

Multilayer Thin Film Common Mode Choke



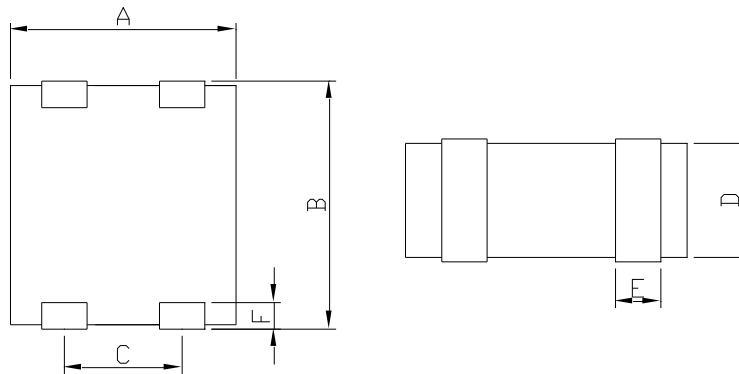
RoHS Compliant

PART NUMBERING SYSTEM

MM	1006M	—	650	—	LF
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



A=1.0±0.2 B=1.25±0.15 C=0.5±0.1 D=0.6±0.15 E=0.25±0.15 F=0.2±0.15

FEATURES

- The MM1210M series is effective for common mode noise suppression in digital equipment which causes Radiation from cables .
- Suitable for differential signal line like IEEE1394 , USB2.0 , HDMI , LVDS , DVI and S-ATA .
- Low profile and low leakage flux due to monolithic structure enables high-density mounting .
- The nickelbarrier structure of the external electrodes provides excellent solder heat resistance .

APPLICATION

- Prevention of common mode noise on signal line in personal computers, computer built in equipment , Facsimiles , digital telephones , etc.



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PART NUMBER	IMPEDANCE @100MHz (Ω)	DCR (Ω) Typ. (Max.)	Rated Current Max. (mA)	Rated Voltage (V)	Cut-off Frequency Typ.(GHz)	Insulation Resistance (MΩ) (Min.)
MM1006M-650-LF	90±25%	3.0 (4.0)	100	5	4	10
MM1006M-900-LF	120±25%	3.0 (4.0)	100	5	4	10

- Operating temperature range -40°C to +85°C
- Electrical specifications at 25°C.
- Packing : 7" reel, machine-ready ,embossed plastic tape (4,000 parts per full reel).

IMPEDANCE ANALYZER (IMPDEANCE VS FREQUENCY)

INSERTION LOSS VS FREQUENCY