

MM3216M SERIES ~

Multilayer Ferrite Chip Common Mode Choke



RoHS Compliant

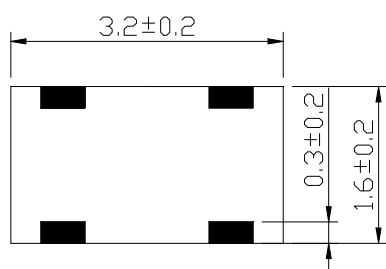
PART NUMBERING SYSTEM

MM	3 2 1 6 M	—	9 0 0	—	L F
TYPE	DIMENSIONS		IMPEDANCE		LEAD FREE

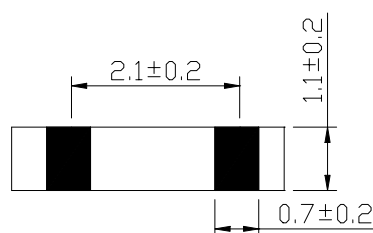
SHAPES AND DIMENSIONS

UNIT : mm

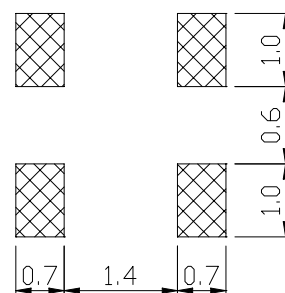
TOP VIEW



FRONT VIEW



PCB PATTERN



FEATURES

- The MM3216M 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 and LDVs .
- 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) (Max.)	Rated Current Max. (mA)	Rated Voltage (V)	Insulation Resistance (mΩ) (Min.)
MM3216MH-900-LF	90±25%	0.30	700	10	100
MM3216MH-121-LF	120±25%	0.30	400	10	100
MM3216MH-201-LF	200±25%	0.35	400	10	100
MM3216MH-281-LF	280±25%	0.40	400	10	100
MM3216MH-371-LF	370±25%	0.45	400	10	100
MM3216MH-551-LF	550±25%	0.50	400	10	100

- Operating temperature range -40°C to +85°C ,
- Electrical specifications at 25°C.
- Packing : 7" reel, machine-ready ,embossed plastic tape (3,000 parts per full reel).

MM3216MB SERIES

PART NUMBER	IMPEDANCE @100MHz (Ω)	DCR (Ω) (Max.)	Rated Current Max. (mA)	Rated Voltage (V)	Insulation Resistance (mΩ) (Min.)
MM3216MB-900-LF	90±25%	0.8	500	10	200
MM3216MB-121-LF	120±25%	0.8	500	10	200
MM3216MB-181-LF	180±25%	0.9	400	10	200
MM3216MB-221-LF	220±25%	1.0	400	10	200
MM3216MB-281-LF	280±25%	1.2	400	10	200

- Operating temperature range -40°C to +85°C ,
- Electrical specifications at 25°C.
- Packing : 7" reel, machine-ready ,embossed plastic tape (3,000 parts per full reel).