



* RoHS Compliant
 * Discoidal Capacitor Construction

= inches
 (###) = mm

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)	MAX. WVDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
	M3C000D	0	NONE	200	10					
	M3C050D	5 MAX.	NONE	200	10					
	M3C100D	10	VIOLET	200	10				5	20
	M3C250D	25	BLUE	200	10				10	25
	M3C101D	100	GREEN	200	10			3	20	28
	M3C501D	500	BROWN	200	10			15	35	40
	M3C102D	1000	WHITE	200	10		5	20	35	45
	M3C122D	1200	WHITE	200	10		5	20	35	45
	M3C152D	1500	WHITE	200	10		7	23	37	47
	M3C272D	2700	RED	200	10	5	10	25	40	50
	M3C502B	5000	YELLOW	100	10	5	15	30	45	55
	M3C103B	10,000	2 WHITE	100	10	6	20	35	50	60
	M3C153B	15,000	2 WHITE	100	10	8	21	35	55	60
	M3C273A	27,000	2 RED	50	10	10	28	42	65	65
	M3C333A	33,000	2 RED	50	10	11	30	44	65	65

CAPACITANCE TOLERANCE: +100/-0% or AS NOTED

DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE: 25° C=10,000 Mohm Min.
 125° C= 1,000 Mohm Min.

DIELECTRIC STRENGTH (DWV): 250% of WVDC (5 seconds)

OPERATING TEMPERATURE: -55° C to +125° C

TEMPERATURE CHARACTERISTIC: X7R or better

MARKING: Color Dot standard per chart

MAXIMUM MOUNTING TORQUE: 2.0 in*lbs

INSTALLATION TEMPERATURE: N/A

DIMENSION TOLERANCE:

CASE: +/- .010" (.250mm)

LEAD LENGTH: +/- .030" (.762mm)

LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:

CASE: C12L14 CRS

LEAD: Copper (1/2 Hard)

FINISH: Silver per QQ-S-365

VENDOR:
 EMI Filter Company
 12750 59th Way N.
 Clearwater, FL 33760
 (727) 585-7990
 (727) 586-5138 Fax
 www.emifiltercompany.com

FILTERS, EMI, MINIATURE
 M 3.0 mm X 0.5 mm THREADED BODY

FSCM NO.

DWG NO.

M3Cs REVD

REV

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