



- \* RoHS Compliant
- \* ISO 9001:2008 Registered
- \* 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
	B3C000D	0		200	10					
	B3C050D	5 MAX.	NONE	200	10					
	B3C100D	10	VIOLET	200	10				5	20
	B3C250D	25	BLUE	200	10				10	25
	B3C101D	100	GREEN	200	10			3	20	28
	B3C501D	500	BROWN	200	10			15	35	40
	B3C102D	1000	WHITE	200	10		5	20	35	45
	B3C122D	1200	WHITE	200	10		5	20	35	45
	B3C152D	1500	WHITE	200	10		7	23	37	47
	B3C272D	2700	RED	200	10	5	10	25	40	50
	B3C502B	5000	YELLOW	100	10	5	15	30	45	55
	B3C103B	10,000	2 WHITE	100	10	6	20	35	50	60
	B3C153B	15,000	2 WHITE	100	10	8	21	35	55	60
	B3C273A	27,000	2 RED	50	10	10	28	42	65	65
	B3C333A	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

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

FILTERS, EMI, MINIATURE  
 4-40 THREADED BODY

FSCM NO.

DWG NO.

B3Cs REVC

REV

C