



* RoHS Compliant
* Discoidal Capacitor Construction

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
	ZRC000D	0	NONE	200	10					
	ZRC050D	5 MAX.	NONE	200	10					
	ZRC100D	10	VIOLET	200	10				5	20
	ZRC250D	25	BLUE	200	10				10	25
	ZRC101D	100	GREEN	200	10			3	20	28
	ZRC501D	500	BROWN	200	10			15	35	40
	ZRC102D	1000	WHITE	200	10		5	20	35	45
	ZRC122D	1200	WHITE	200	10		5	20	35	45
	ZRC152D	1500	WHITE	200	10		7	23	37	47
	ZRC272D	2700	RED	200	10	5	10	25	40	50
	ZRC502B	5000	YELLOW	100	10	5	15	30	45	55
	ZRC103B	10,000	2 WHITE	100	10	6	20	35	50	60
	ZRC153B	15,000	2 WHITE	100	10	8	21	35	55	60
	ZRC273A	27,000	2 RED	50	10	10	28	42	65	65
	ZRC333A	33,000	2 RED	50	10	11	30	44	65	65

ELECTRICAL

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)
TEMPERATURE CHARACTERISTIC:
X7R or better

PHYSICAL

DIMENSION TOLERANCE:
CASE LENGTH: +/- .010" (.250mm)
LEAD LENGTH: +/- .030" (.762mm)
LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:

CASE: C12L14 CRS
LEAD: Alloy 52
FINISH: GOLD
per
MIL-G-45204
TYPE II, CLASS 1

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

IDENTIFICATION & LIMITS

MARKING: Color Dot standard per chart
OPERATING TEMP: -55° C to +125° C
INSTALLATION TEMPERATURE: 225° - 250° C

FILTERS, EMI, SOLDER-IN STYLE, REVERSED SEAL

FSCM NO.	DWG NO. ZRCs REVD	REV D
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