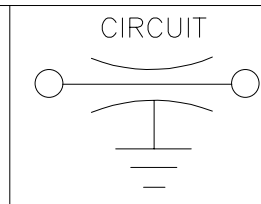
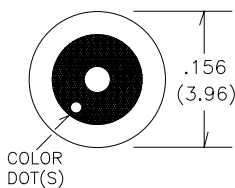


### = inches  
 (###) = mm



\* 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
	ZSC00D	0		200	10					
	ZSC05D	5 MAX.	NONE	200	10					
	ZSC10D	10	VIOLET	200	10				5	20
	ZSC25D	25	BLUE	200	10				10	25
	ZSC101D	100	GREEN	200	10			3	20	28
	ZSC501D	500	BROWN	200	10			15	35	40
	ZSC102D	1000	WHITE	200	10		5	20	35	45
	ZSC122D	1200	WHITE	200	10		5	20	35	45
	ZSC152D	1500	WHITE	200	10		7	23	37	47
	ZSC272D	2700	RED	200	10	5	10	25	40	50
	ZSC502D	5000	YELLOW	200	10	5	15	30	45	55
	ZSC502B	5000	YELLOW	100	10	5	15	30	45	55
	ZSC103B	10,000	2 WHITE	100	10	6	20	35	50	60
	ZSC153B	15,000	2 WHITE	100	10	8	21	35	55	60
	ZSC273A	27,000	2 RED	50	10	10	28	42	65	65
	ZSC333A	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,  
 STANDARD SEAL

FSCM NO.	DWG NO. ZSCs REVD	REV D
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