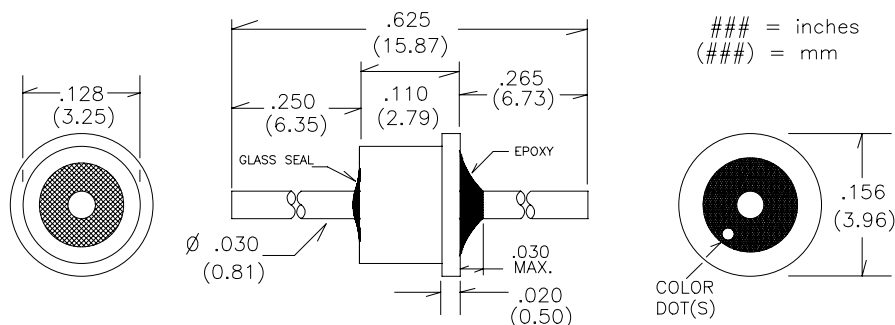
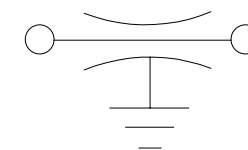


ZSC100D
INDUSTRY STANDARD .128" DIAMETER
10pF HERMETIC SOLDER-IN

CIRCUIT



- * 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
ZSC100D		10	VIOLET	200	10	—	—	—	5	20

ELECTRICAL

CAPACITANCE TOLERANCE: +100/−0%

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 0 (std)

IDENTIFICATION & LIMITS

MARKING: Color Dot standard per chart

OPERATING TEMP: −55° C to +125° C

INSTALLATION TEMPERATURE: 225° − 250° C

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

FILTERS, EMI, SOLDER-IN STYLE,
STANDARD SEAL

FSCM NO.	DWG NO.	REV
	ZSC100D REVD	D