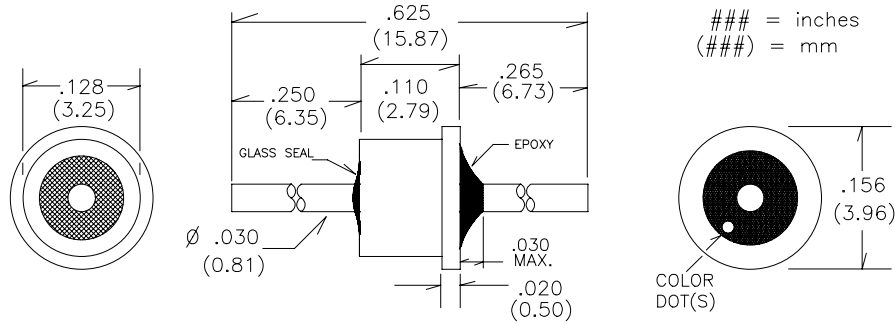
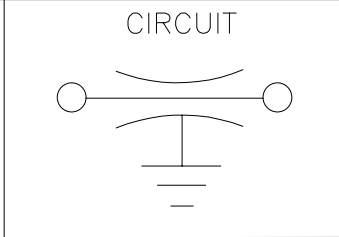


ZSC502D

INDUSTRY STANDARD .128" DIAMETER
5,000pF HERMETIC SOLDER-IN



- * 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
ZSC502D		5,000	YELLOW	200	10	5	15	30	45	55

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. ZSC502D REVD		REV D	