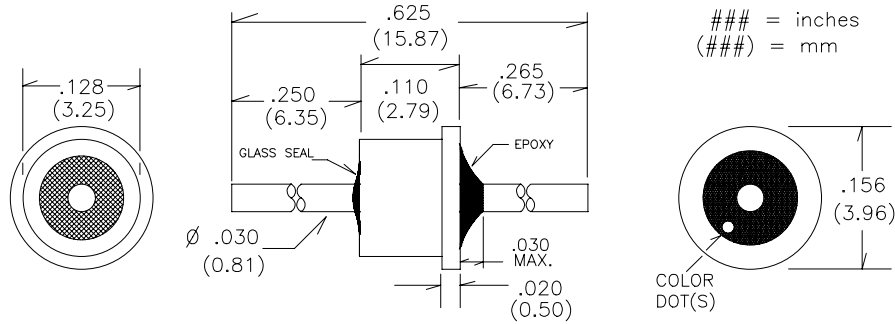
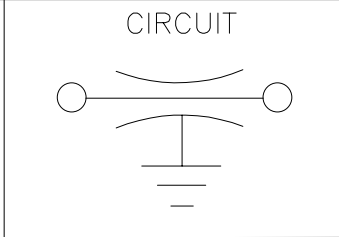


ZSC502D

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 | | | |