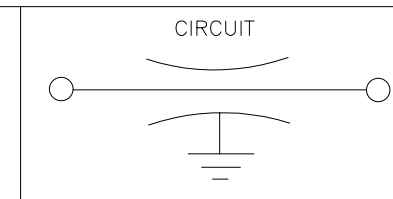


MOUNTING HOLE(S):

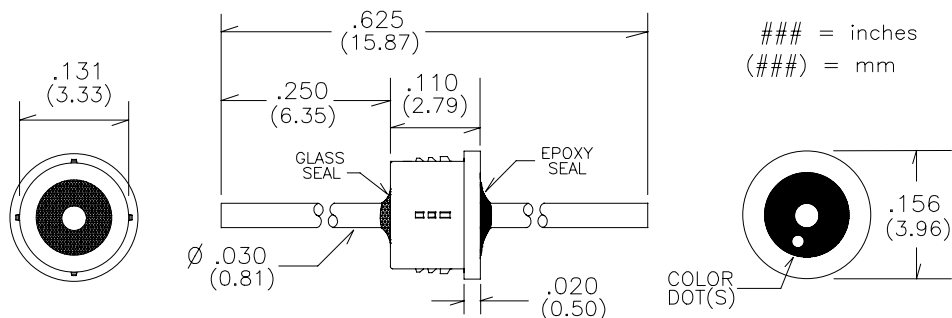
IF PRESSING IN:  
0.1405"  $\pm$  0.001"

(1) IF SOLDERING IN:  
0.144"  $\pm$  0.001"  
(FINISHED - PLATED DIMENSION)

PZC333A  
SOLDERABLE PRESS-IN .131" DIAMETER  
33,000pF HERMETIC BODY



PATENTED  
6 898 822 6 918 617



- \* 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 |
| PZC333A     |         | 33,000    | 2 RED        | 50        | 10      | 10                             | 30     | 44      | 65    | 65     |

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:  $\pm$  .010" (.250mm)  
LEAD LENGTH:  $\pm$  .030" (.762mm)  
LEAD DIAMETER:  $\pm$  .002" (.051mm)

MATERIAL AND FINISH:

CASE: C12L14 CRS  
LEAD: Alloy 52  
FINISH: GOLD per MIL-G-45204  
TYPE III, GRADE A, 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

(1) INSTALLATION TEMPERATURE  
(IF SOLDERING IN):  
225°C - 250°C

FILTERS, EMI, PRESS-IN STYLE

|                   |                         |          |
|-------------------|-------------------------|----------|
| FSCM NO.<br>OR9LO | DWG NO.<br>PZC333A REVD | REV<br>D |
|-------------------|-------------------------|----------|