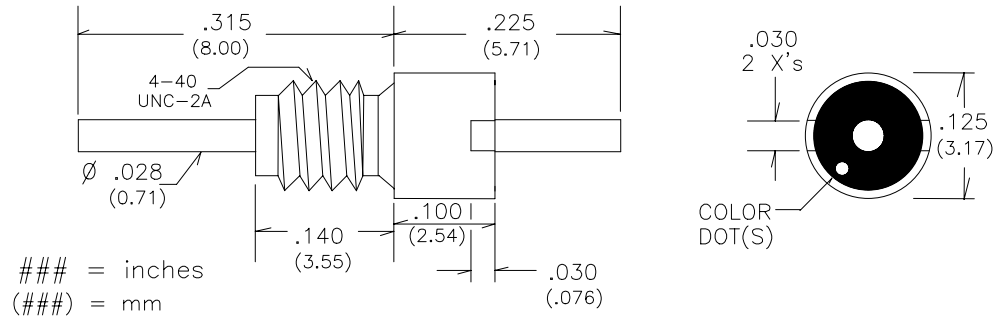
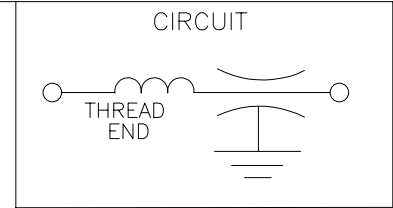


NOTE:  
ATTENUATION EFFECTIVENESS  
OF INDUCTOR IS LOST IF  
CURRENT THROUGH FILTER  
IS GREATER THAN 250 mA

R3L103B  
.125" DIA. ROUND HEAD MINI 4-40  
10,000pF Cap. "L" Feed-Thru



- \* 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
R3L103B		10,000	2 WHITE	100	10	8	27	48	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: +/- .010" (.250mm)  
LEAD LENGTH: +/- .030" (.762mm)  
LEAD DIAMETER: +/- .002" (.051mm)  
MATERIAL AND FINISH:  
CASE: C12L14 CRS  
LEAD: Copper (1/2 Hard)  
FINISH: Silver per QQ-S-365

### IDENTIFICATION & LIMITS

MARKING: Color Dot standard per chart  
OPERATING TEMP: -55° C to +125° C  
INSTALLATION TEMP: N/A  
MAXIMUM MOUNTING TORQUE: 2.0 in\*lbs

VENDOR: EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTERS, EMI, MINIATURE, "L" CIRCUIT ROUND HEAD, 4-40 THREADED BODY		
FSCM NO.	DWG NO. R3L103B	REVD REVD	REV D	