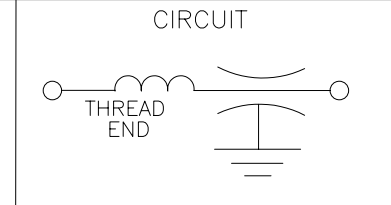
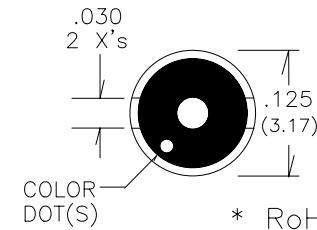
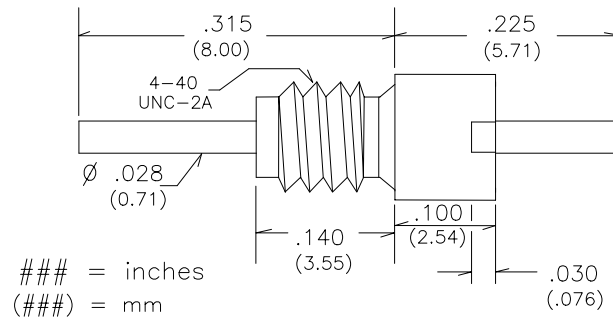


NOTE:
ATTENUATION EFFECTIVENESS
OF INDUCTOR IS LOST IF
CURRENT THROUGH FILTER
IS GREATER THAN 250 mA



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * 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
	R3L000D	0		200	10					
	R3L050D	5	2 ORANGE	200	10					
	R3L100D	10	VIOLET	200	10				7	20
	R3L250D	25	BLUE	200	10				13	25
	R3L101D	100	GREEN	200	10			5	22	35
	R3L501D	500	BROWN	200	10			18	37	38
	R3L102D	1000	WHITE	200	10		8	25	40	42
	R3L122D	1200	WHITE	200	10		8	28	42	50
	R3L152D	1500	WHITE	200	10		10	28	43	53
	R3L272D	2700	RED	200	10	8	13	32	45	55
	R3L502B	5000	YELLOW	100	10	8	17	35	47	55
	R3L103B	10,000	2 WHITE	100	10	8	27	48	65	65
	R3L153B	15,000	2 WHITE	100	10	10	28	50	65	65
	R3L273A	27,000	2 RED	50	10	13	33	53	75	75
	R3L333A	33,000	2 RED	50	10	13	35	55	75	75

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)
OPERATING TEMPERATURE: -55° C to +125° C

TEMPERATURE CHARACTERISTIC: X7R or better

MARKING: Color Dot standard per chart

MAXIMUM MOUNTING TORQUE: 2.0 in*lbs

INSTALLATION TEMPERATURE: N/A

DIMENSION TOLERANCE:
CASE: +/- .015" (.381mm)
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

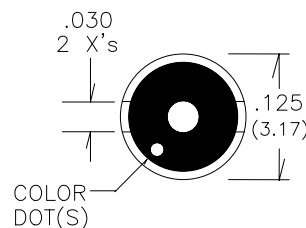
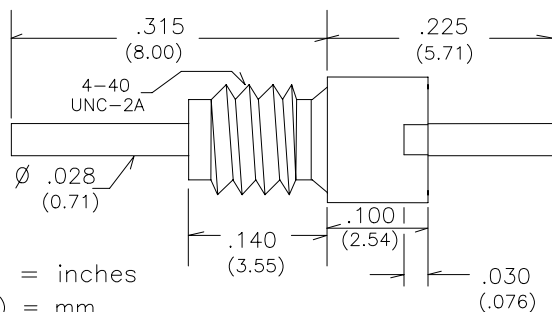
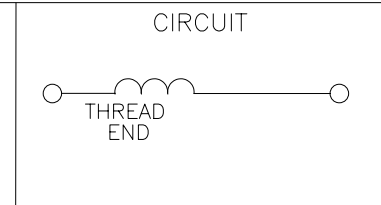
VENDOR:
EMI Filter Company
12750 59th Way N.
Clearwater, FL 33760
(727) 585-7990
(727) 586-5138 Fax
www.emifiltercompany.com

FILTERS, EMI, MINIATURE, "L" CIRCUIT
ROUND HEAD, 4-40 THREADED BODY

FSCM NO.	DWG NO.	REV
	R3Ls REVC	C

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

R3L000D
 .125" DIA. ROUND HEAD MINI 4-40
 "0" pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

= inches
 (###) = mm

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
R3L000D		0	NONE	200	10	---	---	---	---	---

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

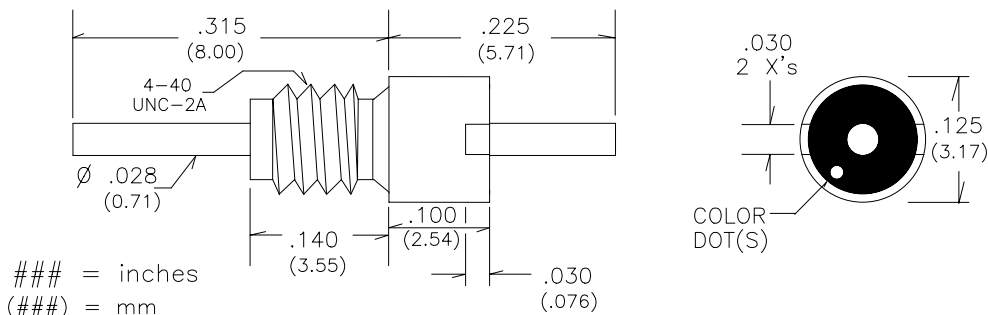
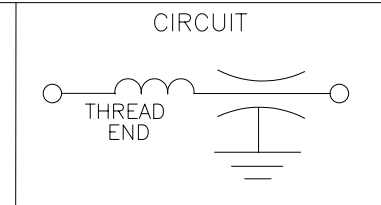
IDENTIFICATION & LIMITS

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. R3L000D REVC	REV C		

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

R3L050D
.125" DIA. ROUND HEAD MINI 4-40
"5" pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * 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
R3L050D		5	2 ORANGE	200	10	---	---	---	---	---

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

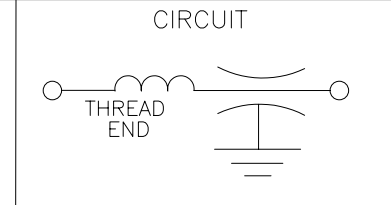
INSTALLATION TEMP: N/A

MAXIMUM MOUNTING TORQUE: 2.0 in*lbs

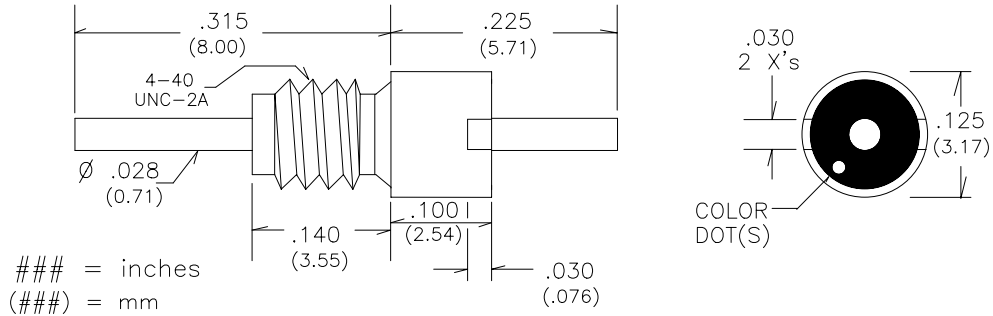
VENDOR: EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTERS, EMI, MINIATURE, "L" CIRCUIT ROUND HEAD, 4-40 THREADED BODY		
FSCM NO.	DWG NO. R3L050D REVC	REV C		

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

R3L050D
.125" DIA. ROUND HEAD MINI 4-40
"5" pF Cap. "L" Feed-Thru



RoHS compliant



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
R3L050D		5	2 ORANGE	200	10	---	---	---	---	---

CAPACITANCE TOLERANCE: +100/-0%
DISSIPATION FACTOR: 3.5% MAX.

INSULATION RESISTANCE: 25° C=1000 MΩμ F Min.
125° C= 100 MΩμ F Min.

DIELECTRIC STRENGTH (DWV): 250% of WVDC (5 seconds)

OPERATING TEMPERATURE: -55° C to +125° C

MARKING: Color Dot standard per chart

MAXIMUM MOUNTING TORQUE: 2.0 in*lbs

INSTALLATION TEMPERATURE: N/A

DIMENSION TOLERANCE:
CASE: +/- .015" (.381mm)
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

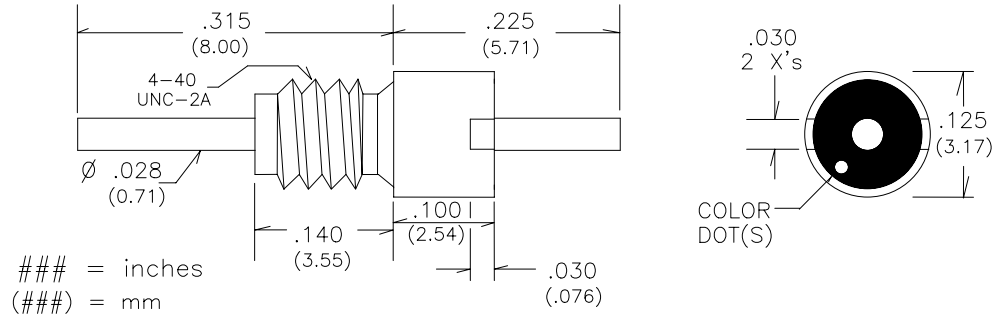
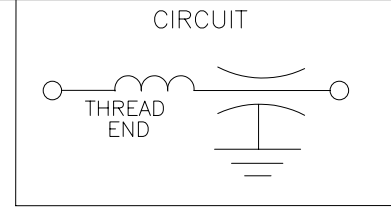
VENDOR:
EMI Filter Company
12750 59th Way N.
Clearwater, FL 33760
(727) 585-7990
(727) 586-5138 Fax
www.emifiltercompany.com

FILTERS, EMI, MINIATURE, "L" CIRCUIT
ROUND HEAD, 4-40 THREADED BODY

FSCM NO.	DWG NO. R3L050D REVA	REV A
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NOTE:
ATTENUATION EFFECTIVENESS
OF INDUCTOR IS LOST IF
CURRENT THROUGH FILTER
IS GREATER THAN 250 mA

R3L100D
.125" DIA. ROUND HEAD MINI 4-40
10pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

= inches
(###) = mm

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
R3L100D		10	VIOLET	200	10	---	---	---	7	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: Copper (1/2 Hard)
FINISH: Silver per QQ-S-365

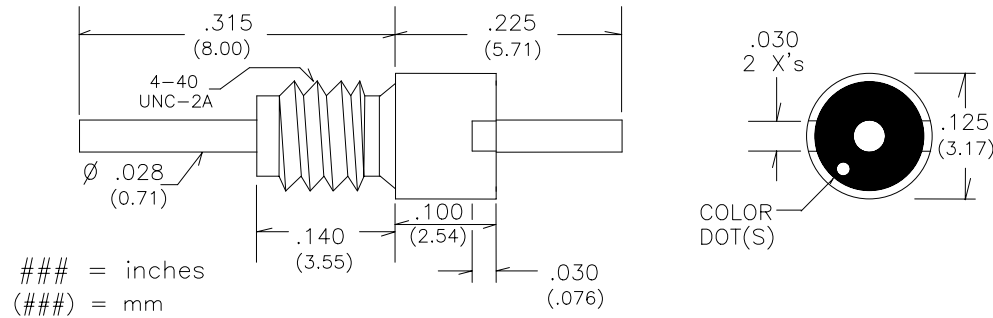
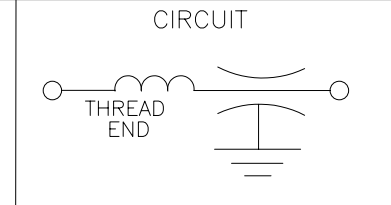
IDENTIFICATION & LIMITS

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. R3L100D REVC	REV C		

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

R3L250D
 .125" DIA. ROUND HEAD MINI 4-40
 25pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

= inches
 (###) = mm

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
R3L250D		25	BLUE	200	10	---	---	---	13	25

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

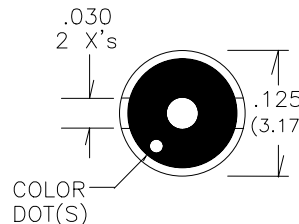
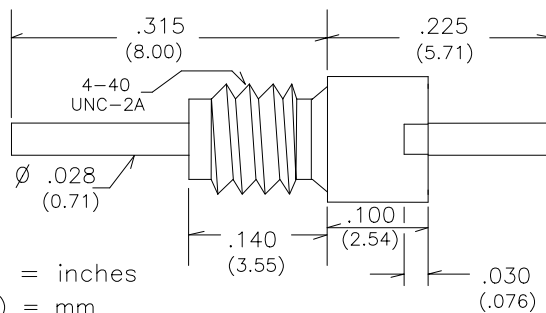
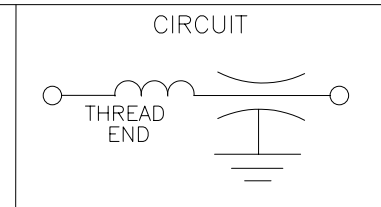
IDENTIFICATION & LIMITS

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. R3L250D	REVC	REV C	

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

R3L101D
.125" DIA. ROUND HEAD MINI 4-40
100pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

= inches
(###) = mm

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
R3L101D		100	GREEN	200	10	---	---	5	22	35

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

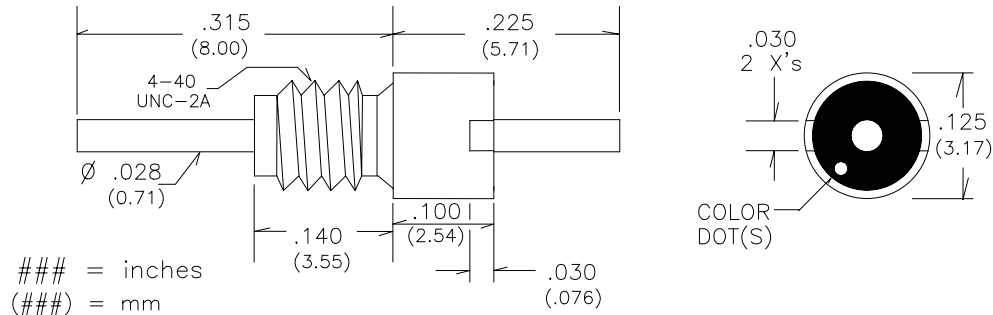
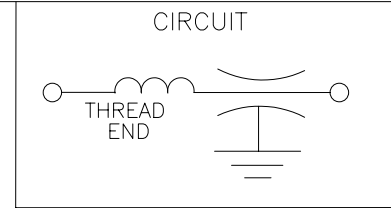
IDENTIFICATION & LIMITS

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. R3L101D REVC	REV C		

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

R3L501D
.125" DIA. ROUND HEAD MINI 4-40
500pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * 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
R3L501D		500	BROWN	200	10	---	---	18	37	45

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

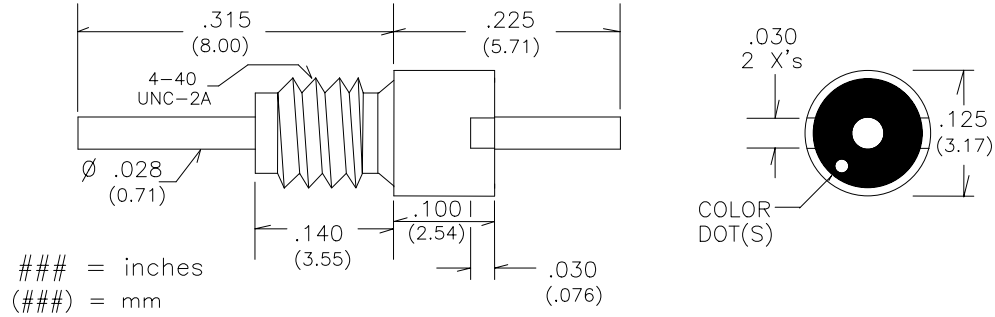
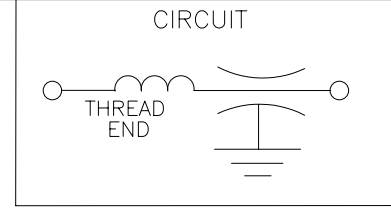
MARKING: Color Dot standard per chart
OPERATING TEMP: -55° C to +125° C
INSTALLATION TEMP: N/A
MAXIMUM MOUNTING TORQUE: 2.0 in*lbs

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. R3L501D	REVC	REV C	

NOTE:

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

R3L102D
 .125" DIA. ROUND HEAD MINI 4-40
 1,000pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

= inches
 (###) = mm

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
R3L102D		1,000	WHITE	200	10	---	8	25	40	40

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

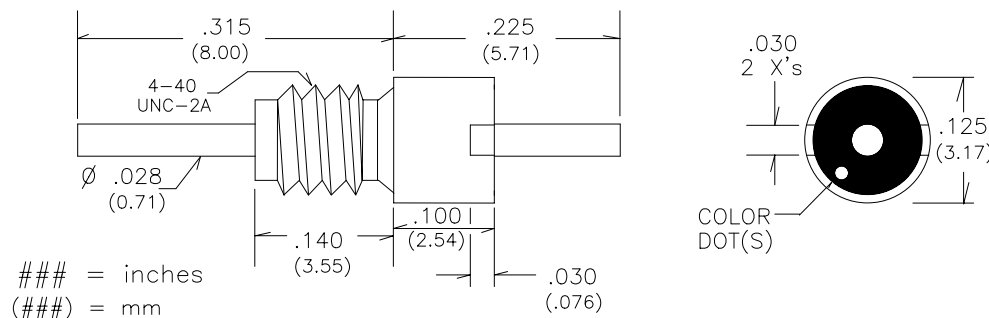
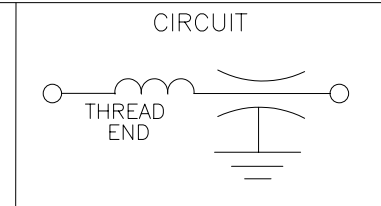
IDENTIFICATION & LIMITS

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. R3L102D REVC	REV C		

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

R3L122D
.125" DIA. ROUND HEAD MINI 4-40
1,200pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * 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
R3L122D		1,200	WHITE	200	10	---	8	28	42	50

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

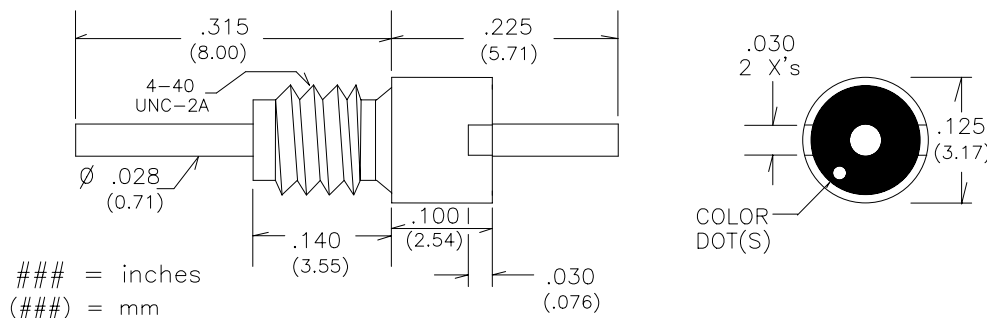
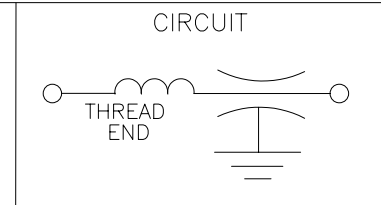
IDENTIFICATION & LIMITS

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. R3L122D REVC	REV C		

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

R3L152D
.125" DIA. ROUND HEAD MINI 4-40
1,500pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * 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
R3L152D		1,500	WHITE	200	10	---	10	28	43	53

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

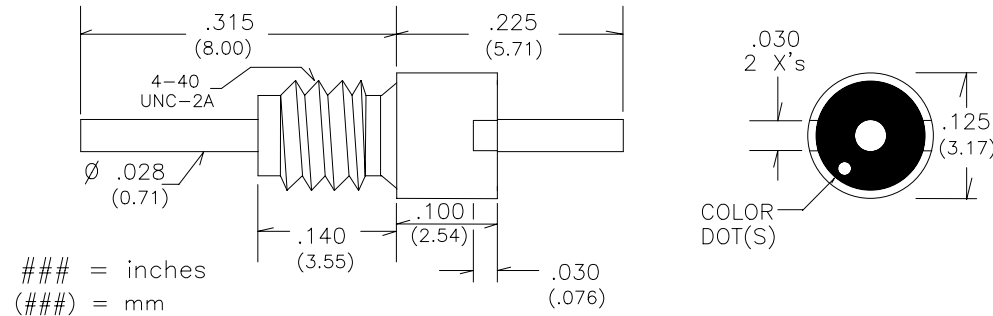
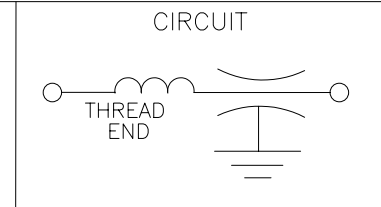
IDENTIFICATION & LIMITS

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. R3L152D REVC	REV C		

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

R3L272D
.125" DIA. ROUND HEAD MINI 4-40
2,700pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

= inches
(###) = mm

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
R3L272D		2,700	RED	200	10	8	13	32	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: Copper (1/2 Hard)
FINISH: Silver per QQ-S-365

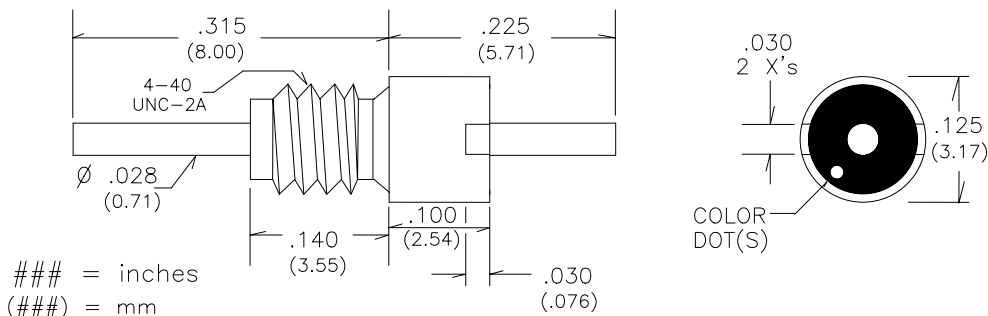
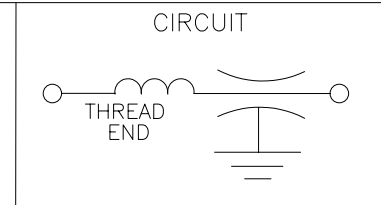
IDENTIFICATION & LIMITS

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. R3L272D REVC	REV C		

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

R3L502B
.125" DIA. ROUND HEAD MINI 4-40
5,000pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * 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
R3L502B		5,000	YELLOW	100	10	7	17	35	47	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: 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

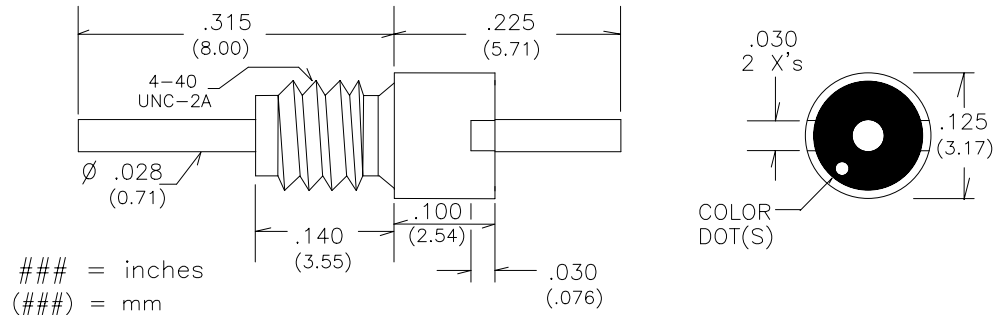
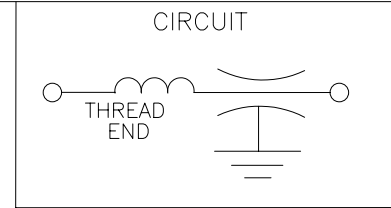
INSTALLATION TEMP: N/A

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. R3L502B	REVC	REV C	

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
- * ISO 9001:2008 Registered
- * 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

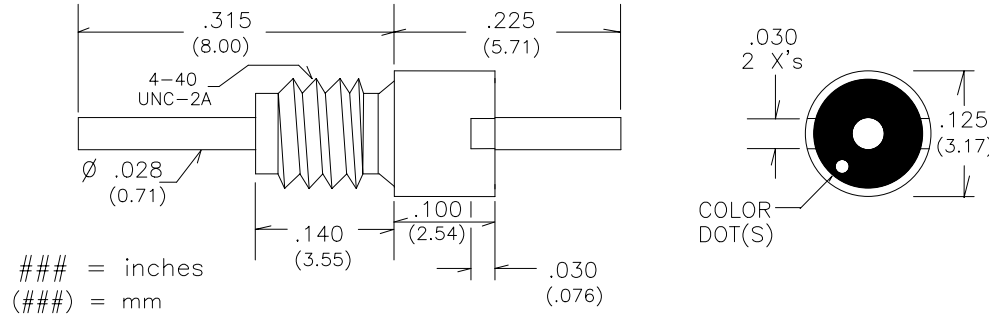
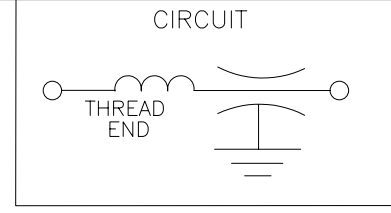
MARKING: Color Dot standard per chart
OPERATING TEMP: -55° C to +125° C
INSTALLATION TEMP: N/A
MAXIMUM MOUNTING TORQUE: 2.0 in*lbs

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	REVC	REV C	

NOTE:

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

R3L153B
 .125" DIA. ROUND HEAD MINI 4-40
 15,000pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * 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
R3L153B		15,000	2 WHITE	100	10	10	28	50	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

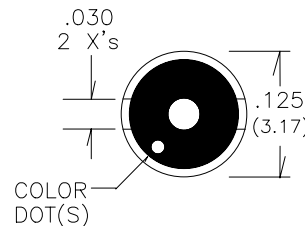
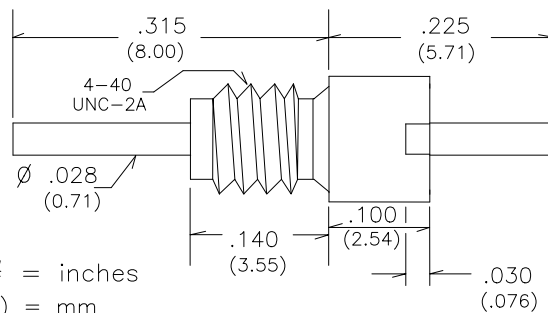
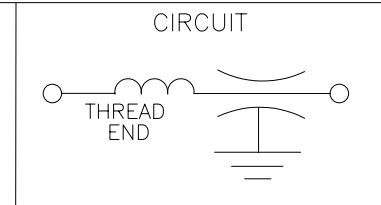
IDENTIFICATION & LIMITS

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. R3L153B REVC	REV C		

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

R3L273A
.125" DIA. ROUND HEAD MINI 4-40
27,000pF Cap. "L" Feed-Thru



= inches
(###) = mm

- * RoHS Compliant
- * ISO 9001:2008 Registered
- * 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
R3L273A		27,000	2 RED	50	10	13	35	53	75	75

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

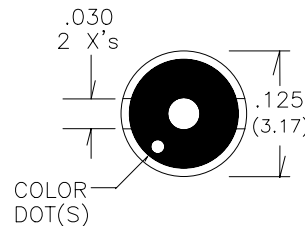
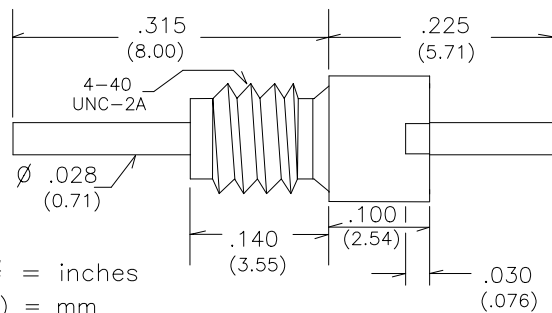
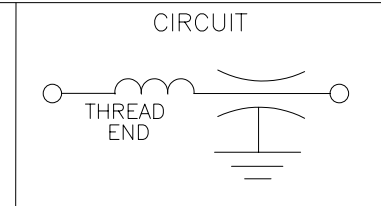
IDENTIFICATION & LIMITS

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. R3L273A REVC	REV C		

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

R3L333A
.125" DIA. ROUND HEAD MINI 4-40
33,000pF Cap. "L" Feed-Thru



- * RoHS Compliant
- * ISO 9001:2008 Registered
- * Discoidal Capacitor Construction

= inches
(###) = mm

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
R3L333A		33,000	2 RED	50	10	13	33	55	75	75

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. R3L333A REVC	REV C
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