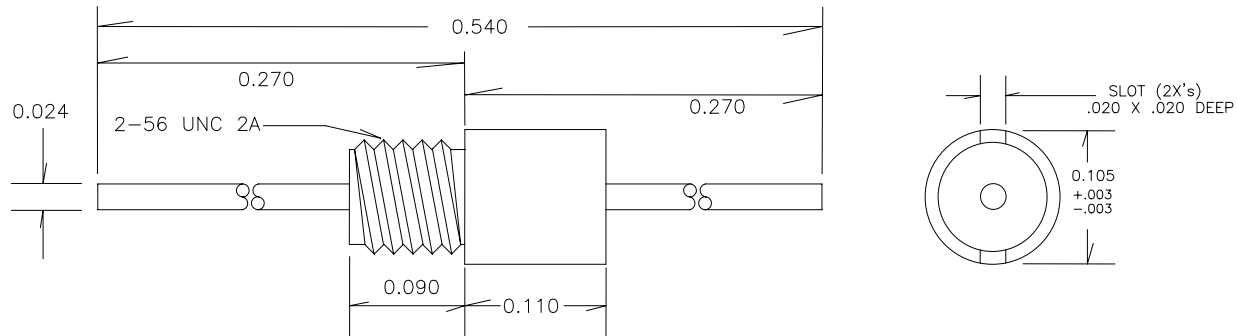
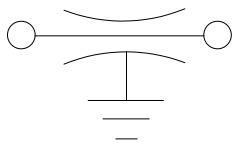


B2"24" SERIES 2-56 THREAD NON-HERMETIC FEED-THRU

CIRCUIT



- * RoHS Compliant
- * ISO 9001:2000 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
	B2C000D24	0	NONE	200	5					
	B2C050D24	5	2 ORANGE	200	5					
	B2C100D24	10	VIOLET	200	5				5	20
	B2C250D24	25	BLUE	200	5				10	25
	B2C101D24	100	GREEN	200	5			3	20	28
	B2C501D24	500	BROWN	200	5			15	35	40
	B2C102B24	1000	WHITE	100	5		5	20	35	45
	B2C122B24	1200	WHITE	100	5		5	20	35	45
	B2C152B24	1500	WHITE	100	5		7	23	37	47
	B2C272B24	2700	RED	100	5	5	10	25	40	50
	B2C502B24	5000	YELLOW	100	5	5	15	30	45	55
	B2C103A24	10,000	2 WHITE	50	5	6	21	35	50	60

ELECTRICAL

CAPACITANCE TOLERANCE:
+100/-0%

DISSIPATION FACTOR: 3.5% MAX.

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

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

TEMPERATURE CHARACTERISTIC:
X7R or better

PHYSICAL

DIMENSION TOLERANCE:
CASE LENGTH: +/- .005" (.125mm)
LEAD LENGTH: +/- .030" (.762mm)
LEAD DIAMETER: +/- .002" (.051mm)

MATERIAL AND FINISH:
CASE/FINISH: Brass/Gold
LEAD/FINISH: Brass/Gold
Suitable For Wire Bond
Per MIL-G-45204,
Type III, Grade A, Class 1

IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
Color dot marking option available.

OPERATING TEMP: -55° C to +125° C

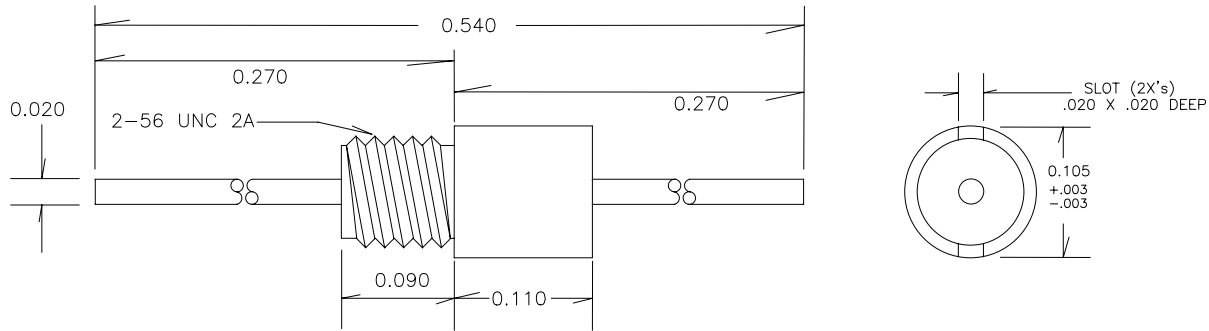
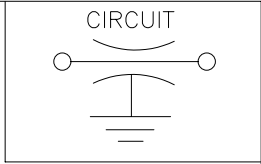
MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

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

FILTERS, EMI, MINIATURE, 2-56 THREADED BODY

FSCM NO.	DWG NO. B2C24s REV C	REV C
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B2C000D24
 2-56 THREAD NON-HERMETIC
 "0"pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C000D24		0	NONE	200	5	-	-	-	-	-

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

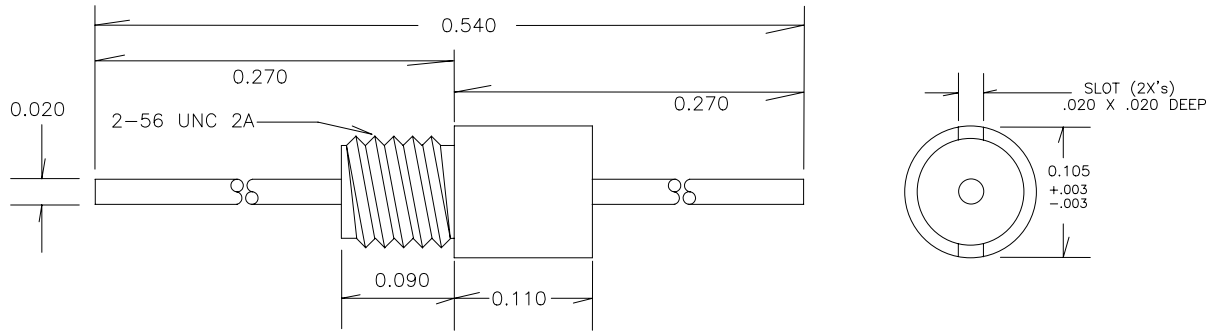
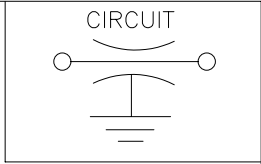
IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE
 For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTER, EMI, MINIATURE, 2-56 THREADED BODY		
FSCM NO.	DWG NO.	B2C000D24 REV C		REV C

B2C050D24
2-56 THREAD NON-HERMETIC
5pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 Registered
- * Discoidal Capacitor Construction

PART NUMBER	EMI P/N	CAP. (pF)	COLOR DOT(S)*	MAX. WDC	DC AMPS	MINIMUM NO LOAD INSERTION LOSS				
						1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
B2C050D24		5	2 ORANGE	200	5	-	-	-	-	-

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

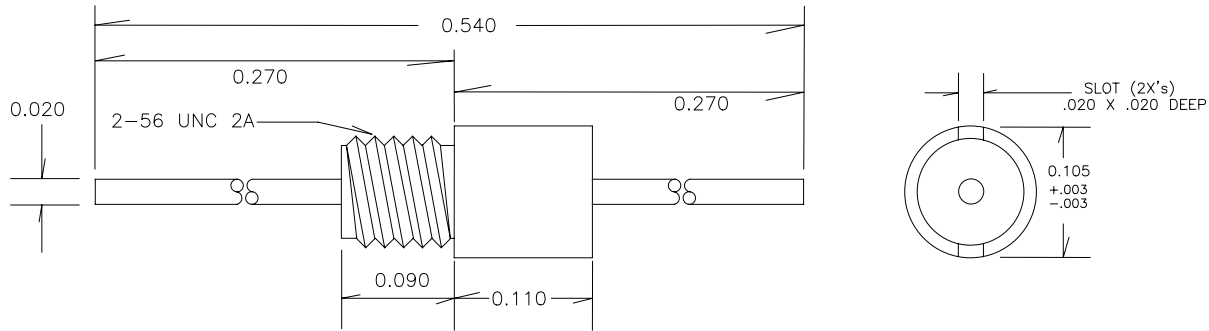
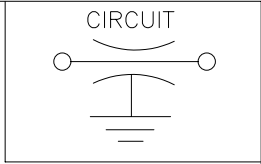
IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE
 For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com			FILTER, EMI, MINIATURE, 2-56 THREADED BODY		
FSCM NO.		DWG NO.		REV	
		B2C050D24 REV C		C	

B2C100D24
2-56 THREAD NON-HERMETIC
10pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C100D24		10	VIOLET	200	5	-	-	-	5	20

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

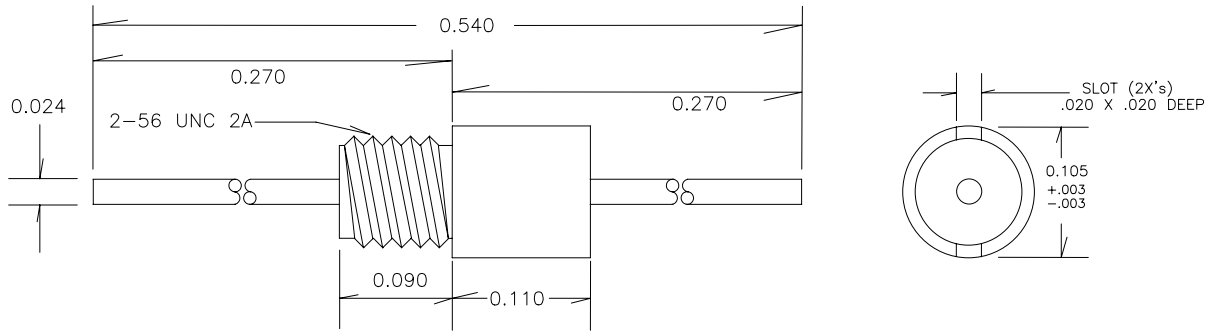
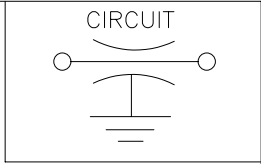
IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE
 For a .024" diameter lead, append "24" to the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com			FILTER, EMI, MINIATURE, 2-56 THREADED BODY		
FSCM NO.		DWG NO.		REV	
		B2C100D24 REVC		C	

B2C250D24
2-56 THREAD NON-HERMETIC
25pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C250D24		25	BLUE	200	5	-	-	-	10	25

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

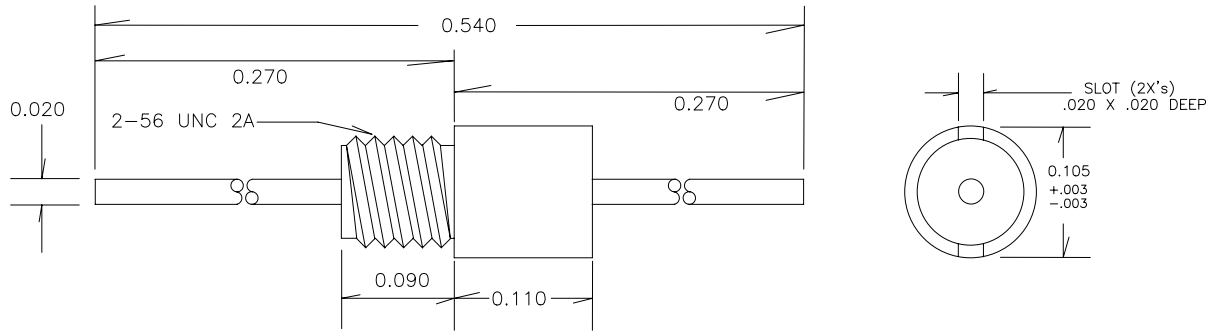
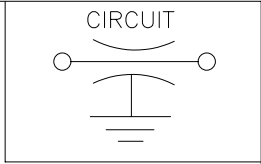
IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE
 For a .020" diameter lead,
 remove "24" from the end
 of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTER, EMI, MINIATURE, 2-56 THREADED BODY		
FSCM NO.	DWG NO.	B2C250D24 REV C		REV C

B2C101D24
2-56 THREAD NON-HERMETIC
100pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C101D24		100	GREEN	200	5	-	-	3	20	28

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

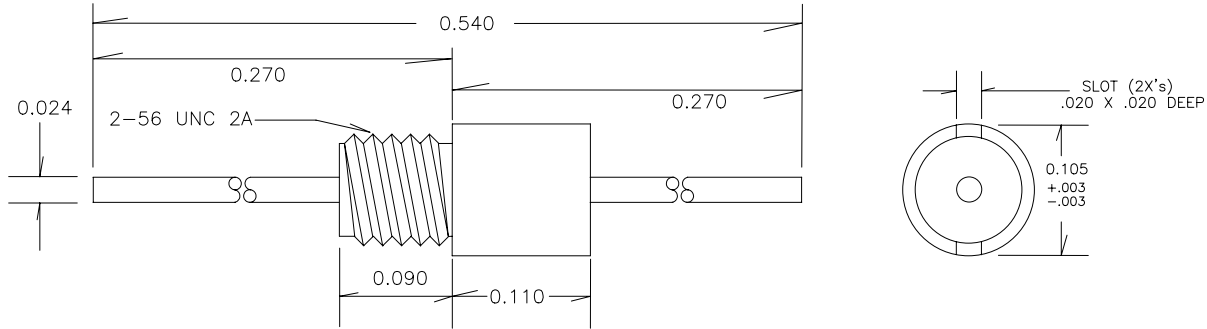
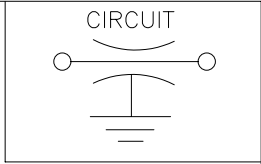
IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE
 For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760		FILTER, EMI, MINIATURE, 2-56 THREADED BODY		
(727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com				
FSCM NO.	DWG NO.	B2C101D24 REV C		REV
				C

B2C501D24
2-56 THREAD NON-HERMETIC
500pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C501D24		500	BROWN	200	5	-	-	15	35	40

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

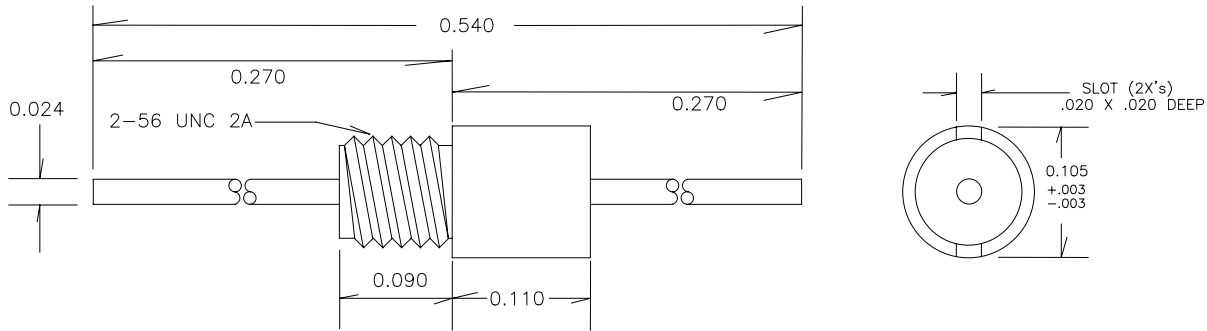
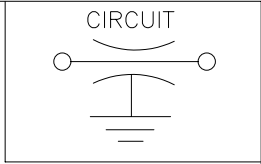
IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE
 For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760		FILTER, EMI, MINIATURE, 2-56 THREADED BODY		
(727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com				
FSCM NO.	DWG NO.	B2C501D24 REV C		REV C

B2C102B24
2-56 THREAD NON-HERMETIC
1,000pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C102B24		1,000	WHITE	100	5	-	5	20	35	45

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

IDENTIFICATION & LIMITS

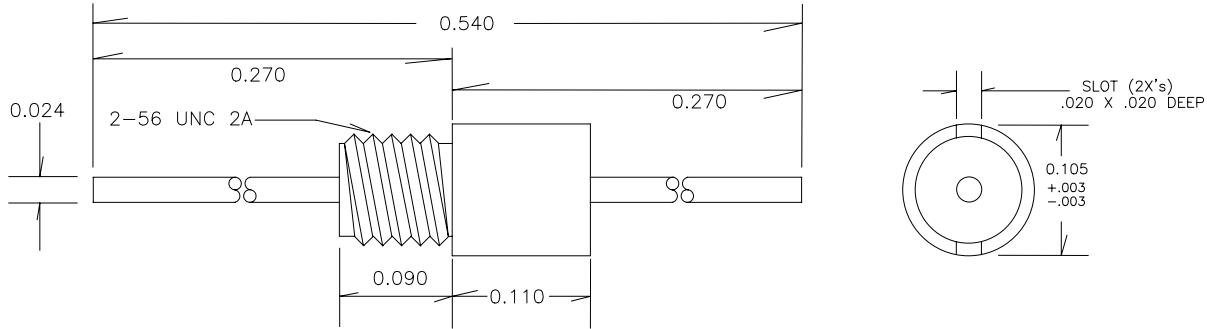
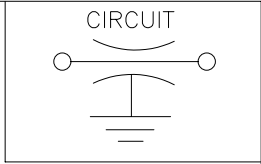
*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE

For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTER, EMI, MINIATURE, 2-56 THREADED BODY		
FSCM NO.	DWG NO.	B2C102B24 REV C		REV C

B2C122B24
2-56 THREAD NON-HERMETIC
1,200pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C122B24		1,200	WHITE	100	5	-	5	20	35	45

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩ μ F Min.
 125 °C=100 MΩ μ F Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

IDENTIFICATION & LIMITS

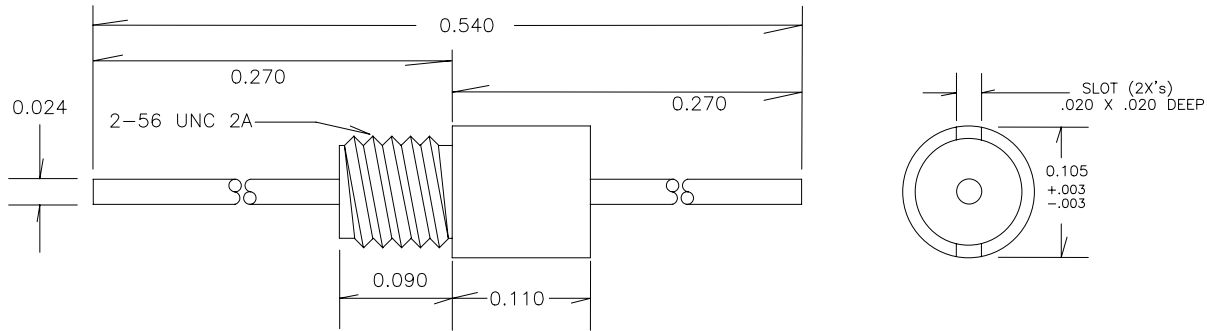
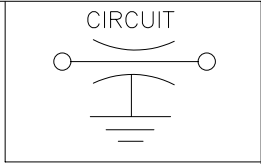
*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE

For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760		FILTER, EMI, MINIATURE, 2-56 THREADED BODY	
(727) 585-7990	FSCM NO.	DWG NO. B2C122B24 REV C	REV C
(727) 586-5138 Fax			
www.emifiltercompany.com			

B2C152B24
2-56 THREAD NON-HERMETIC
1,500pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C152B24		1,500	WHITE	100	5	-	7	23	37	47

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

IDENTIFICATION & LIMITS

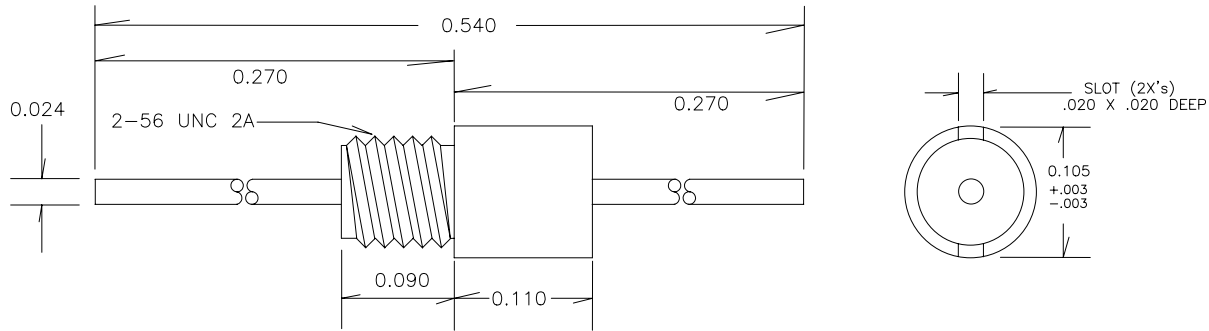
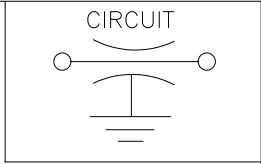
*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE

For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760		FILTER, EMI, MINIATURE, 2-56 THREADED BODY	
(727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com			
FSCM NO.	DWG NO.	REV	
	B2C152B24 REV C	C	

B2C272B24
2-56 THREAD NON-HERMETIC
2,700pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C272B24		2,700	RED	100	5	5	10	25	40	50

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

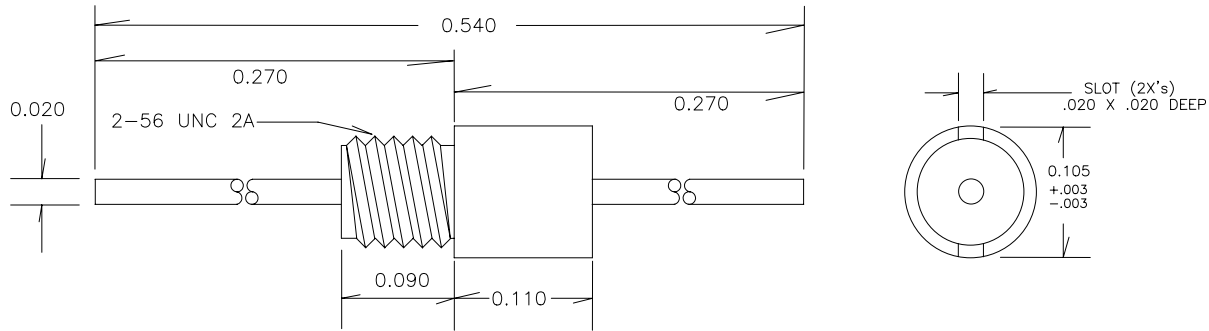
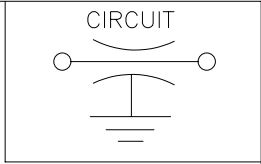
IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE
 For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com			FILTER, EMI, MINIATURE, 2-56 THREADED BODY	
FSCM NO.	DWG NO.	B2C272B24 REV C		REV
				C

B2C502B24
2-56 THREAD NON-HERMETIC
5,000pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B3C502B24		5,000	YELLOW	100	5	5	15	30	45	55

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

IDENTIFICATION & LIMITS

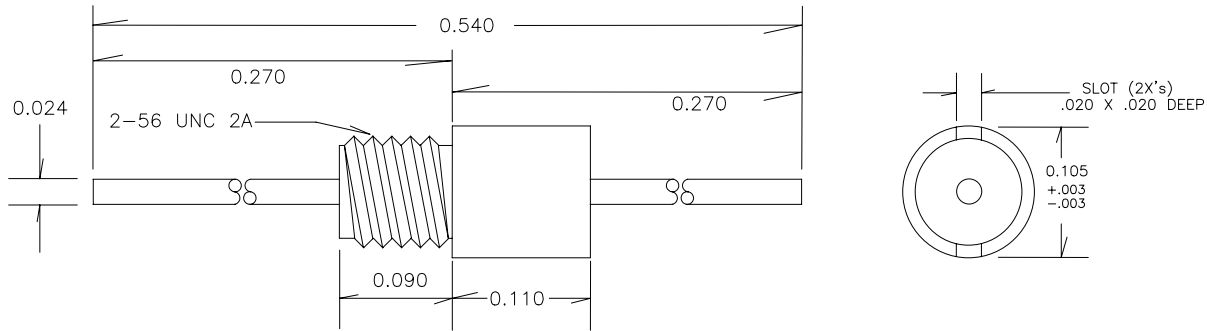
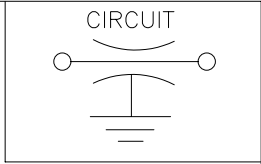
*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE

For a .020" diameter lead, remove "24" from the end of the EMI P/N.

EMI Filter Company 12750 59th Way N. Clearwater, FL 33760		FILTER, EMI, MINIATURE, 2-56 THREADED BODY	
(727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com			
FSCM NO.	DWG NO.	REV	
	B2C502B24 REV C	C	

B2C103A24
2-56 THREAD NON-HERMETIC
10,000pF Cap. FEED-THRU



- * RoHS Compliant
- * ISO 9001:2000 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
B2C103A24		10,000	2 WHITE	50	5	6	21	35	50	60

ELECTRICAL

CAPACITANCE TOLERANCE: +100/-0%
 DISSIPATION FACTOR: 3.5% MAX.
 INSULATION RESISTANCE:
 25 °C=1000 MΩμF Min.
 125 °C=100 MΩμF Min.
 DIELECTRIC STRENGTH (DWV):
 250% of WVDC (5 seconds)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

DIMENSION TOLERANCE:
 CASE LENGTH: +/- .005" (.123mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: Brass CASE FINISH: Gold
 LEAD: Brass, 3/4 Hard
 LEAD FINISH: Gold, Suitable For Wire Bond
 Per MIL-G-45204, Type III, Grade A, Class 1

IDENTIFICATION & LIMITS

*MARKING: NO MARKING STANDARD.
 Color dot marking option available.
 OPERATING TEMP: -55° C to +125° C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 1.0 in*lbs

NOTE
 For a .020" diameter lead, remove "24" from the end of the EMI P/N.

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FSCM NO.	DWG NO.	REV	
	B2C103A24 REV C	C	