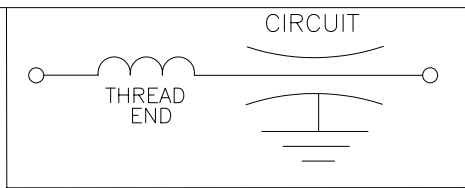
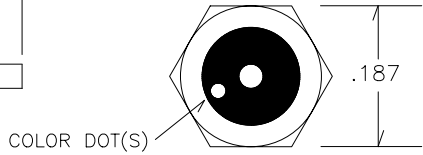


= inches
 (###) = mm



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

RoHS compliant

thread: 8-32 UNC 2A

- * 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				
						100 kHz	1MHz	10 MHz	100 MHz	1 GHz
	T7L104B	100,000	3 WHITE	100	10	13	25	40	50	70
	T7L204A	200,000	2 GREEN	50	10	15	28	40	55	70
	T7L254A	250,000	2 BLUE	50	10	15	31	41	56	70
	T7L304A	300,000	2 VIOLET	50	10	17	30	42	56	70
	T7L334A	330,000	3 RED	50	10	18	33	45	58	72
	T7L404A	400,000	3 GREEN	50	10	20	36	48	62	75
	T7L504A	500,000	3 YELLOW	50	10	22	36	50	63	75

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

INSULATION RESISTANCE: 25° C=1000 MΩμ
 125° C= 100 MΩμ

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: 6.0 in*lbs

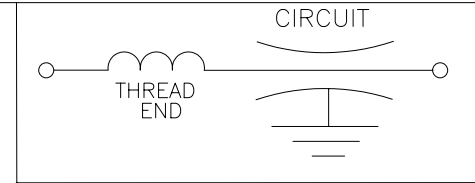
INSTALLATION TEMPERATURE: N/A

DIMENSION TOLERANCE:
 CASE: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)

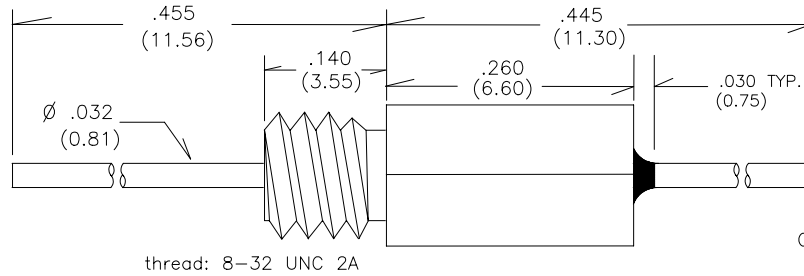
MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Copper (1/2 Hard)
 FINISH: Silver per QQ-S-365

VENDOR: EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com			FILTERS, EMI, TALL HEAD, "L" CIRCUIT 8-32 THREADED BODY		
FSCM NO.		DWG NO. T7Ls REVB		REV B	
SCALE					

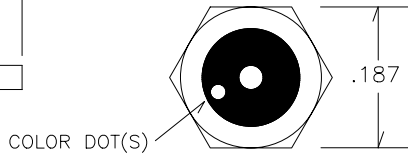
T7L204A
TALL HEAD 8-32
200,000pF Cap. "L" Feed-Thru



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



= inches
 (###) = mm



- * 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				
						100 KHz	1 MHz	10 MHz	100 MHz	1 GHz
T7L204A		200,000	2 GREEN	50	10	15	28	40	55	70

ELECTRICAL

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)
 TEMPERATURE CHARACTERISTIC:
 X7R or better

PHYSICAL

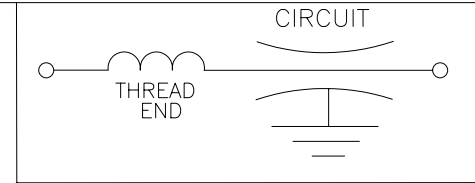
DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Copper (1/2 Hard)
 FINISH: Silver per QQ-S-365

IDENTIFICATION & LIMITS

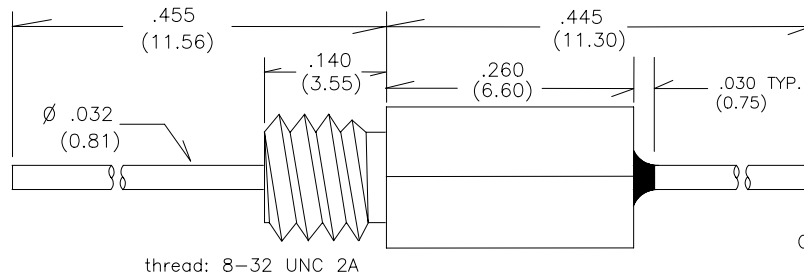
MARKING: Color Dot standard per chart
 OPERATING TEMP: -55 °C to +125 °C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 6.0 in*lbs

VENDOR: EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTERS, EMI, TALL HEAD, "L" CIRCUIT 8-32 THREADED BODY		
FSCM NO.	DWG NO. T7L204A REVB	REV B		
SCALE				

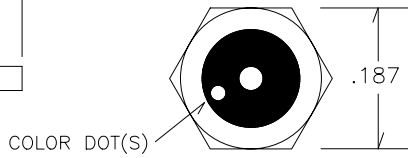
T7L254A
TALL HEAD 8-32
250,000pF Cap. "L" Feed-Thru



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



= inches
 (###) = mm



- * 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				
						100 KHz	1 MHz	10 MHz	100 MHz	1 GHz
T7L254A		250,000	2 BLUE	50	10	15	31	41	56	70

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

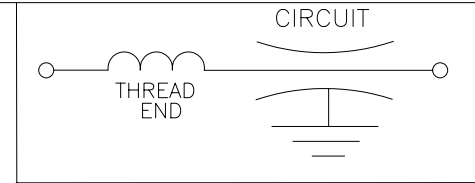
DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Copper (1/2 Hard)
 FINISH: Silver per QQ-S-365

IDENTIFICATION & LIMITS

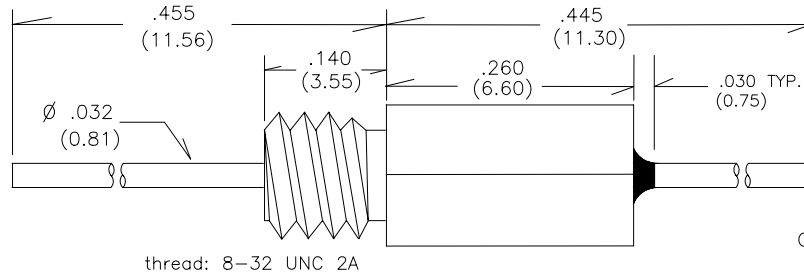
MARKING: Color Dot standard per chart
 OPERATING TEMP: -55 °C to +125 °C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 6.0 in*lbs

VENDOR: EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTERS, EMI, TALL HEAD, "L" CIRCUIT 8-32 THREADED BODY		
		FSCM NO.	DWG NO.	REV
		SCALE	T7L254A REVB	B

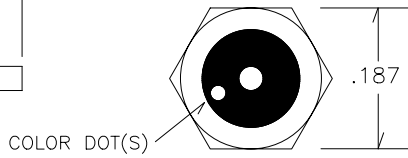
T7L304A
TALL HEAD 8-32
300,000pF Cap. "L" Feed-Thru



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



= inches
 (###) = mm



- * 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				
						100 KHz	1 MHz	10 MHz	100 MHz	1 GHz
T7L304A		300,000	2 VIOLET	50	10	17	30	42	56	70

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

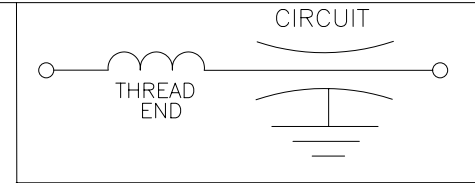
DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Copper (1/2 Hard)
 FINISH: Silver per QQ-S-365

IDENTIFICATION & LIMITS

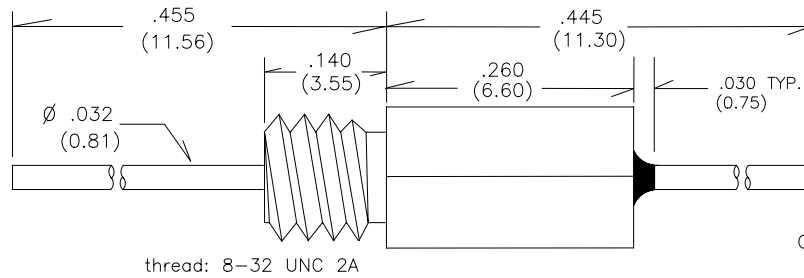
MARKING: Color Dot standard per chart
 OPERATING TEMP: -55 °C to +125 °C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 6.0 in*lbs

VENDOR: EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTERS, EMI, TALL HEAD, "L" CIRCUIT 8-32 THREADED BODY		
FSCM NO.	DWG NO.	T7L304A REVB		REV B
SCALE				

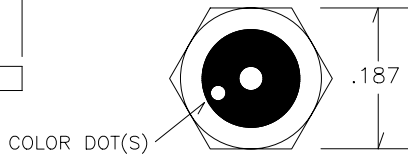
T7L334A
TALL HEAD 8-32
330,000pF Cap. "L" Feed-Thru



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



= inches
 (###) = mm



- * 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				
						100 KHz	1 MHz	10 MHz	100 MHz	1 GHz
T7L334A		330,000	3 RED	50	10	18	33	45	58	72

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

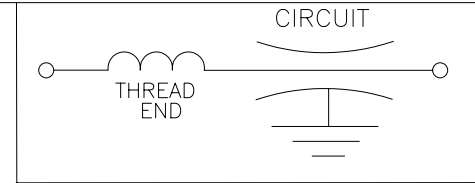
DIMENSION TOLERANCE:
 CASE LENGTH: +/- .010" (.250mm)
 LEAD LENGTH: +/- .030" (.762mm)
 LEAD DIAMETER: +/- .002" (.051mm)
 MATERIAL AND FINISH:
 CASE: C12L14 CRS
 LEAD: Copper (1/2 Hard)
 FINISH: Silver per QQ-S-365

IDENTIFICATION & LIMITS

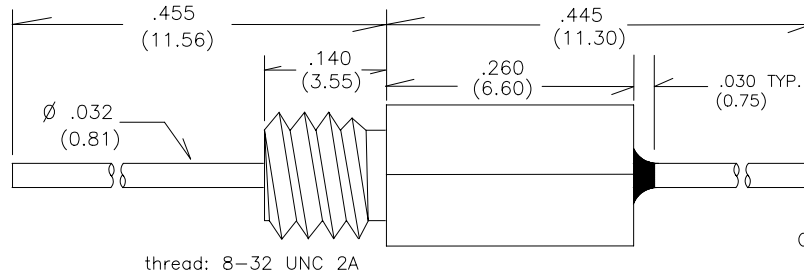
MARKING: Color Dot standard per chart
 OPERATING TEMP: -55 °C to +125 °C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 6.0 in*lbs

VENDOR: EMI Filter Company 12750 59th Way N. Clearwater, FL 33760 (727) 585-7990 (727) 586-5138 Fax www.emifiltercompany.com		FILTERS, EMI, TALL HEAD, "L" CIRCUIT 8-32 THREADED BODY		
FSCM NO.	DWG NO.	T7L334A REVB		REV B
SCALE				

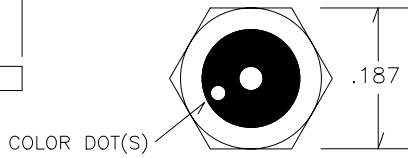
T7L404A
TALL HEAD 8-32
400,000pF Cap. "L" Feed-Thru



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



= inches
 (###) = mm



- * 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				
						100 KHz	1 MHz	10 MHz	100 MHz	1 GHz
T7L404A		400,000	3 GREEN	50	10	20	36	48	62	75

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: +/- .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

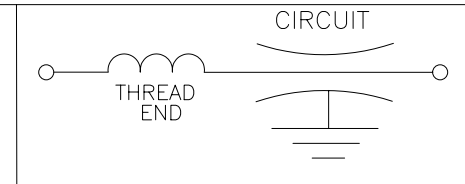
MARKING: Color Dot standard per chart
 OPERATING TEMP: -55 °C to +125 °C
 INSTALLATION TEMP: N/A
 MAXIMUM MOUNTING TORQUE: 6.0 in*lbs

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

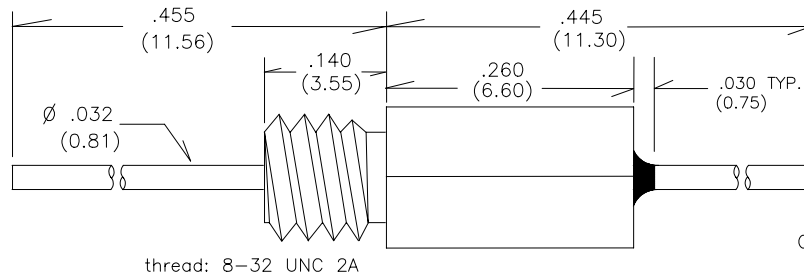
FILTERS, EMI, TALL HEAD, "L" CIRCUIT
8-32 THREADED BODY

FSCM NO.	DWG NO.	REV
	T7L404A REVB	B
SCALE		

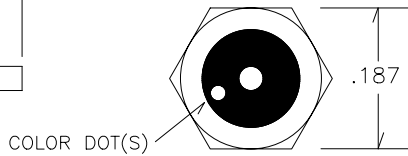
T7L504A
TALL HEAD 8-32
500,000pF Cap. "L" Feed-Thru



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



= inches
 (###) = mm



- * 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				
						100 KHz	1 MHz	10 MHz	100 MHz	1 GHz
T7L504A		500,000	3 YELLOW	50	10	22	36	50	63	75

ELECTRICAL

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)
 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: 6.0 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, TALL HEAD, "L" CIRCUIT 8-32 THREADED BODY		
	FSCM NO.	DWG NO. T7L504A REVB	REV B
	SCALE		