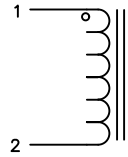
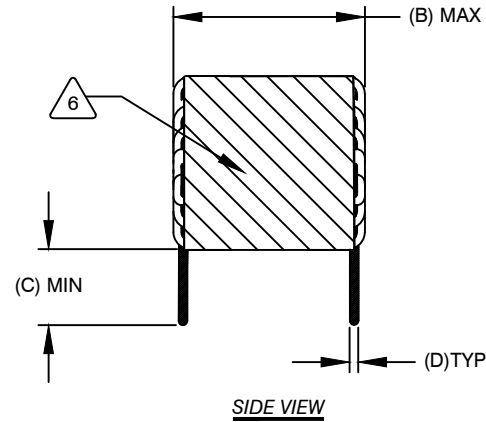
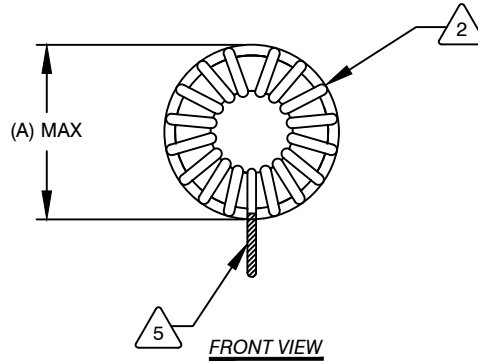


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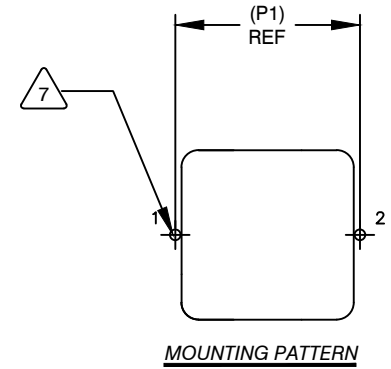
DIMENSIONALS MEASURED IN INCHES AND [MM]					
A (OD) MAX	B (HGT) MAX	C (LEAD) MIN	D (LEAD OD) TYP	P1 REF	
0.50" [12.70]	0.50" [12.70]	.50" [12.70]	0.014" [0.36]	.42" [10.67]	

REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A	170113	INITIAL RELEASE	JLau	1/13/17	AK	1/13/17
A1		UPDATED SPEC.	TN	11/07/2020	JL	11/07/2020



DC BIAS TABLE

DC BIAS (AMP)	L@1KHz (REF)
0	268uH
0.2	260uH
0.4	250uH
0.5	247uH



- 8 BUILD TO ROHS COMPLIANCE
- 7 GREATER THAN DIMENSION (D) BY 15% MOUNTING HOLE SIZE ON PCB BOARD SHOULD BE
- 6 LABEL PART NUMBER AND REVISION, IF APPLICABLE WRAP INDUCTOR WITH GLASS TAPE
- 5 (C) AND (E) REMOVE INSULATION AND TIN LEADS BASED ON DIMENSIONS
- 4 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:

WEIGHT = 7 GRAMS
 OPERATING TEMP RANGE = -25°C TO 120°C
 MAXIMUM TEMPERATURE RISE = 40°C WITH SOME AIRFLOW
 INTERWINDING CAPACITANCE = 12.6pF TYP @ SRF
 |Z| = 13.73 KILO-OHMS TYP @ SRF
 SRF = 2.73MHz TYPICAL
 CURRENT RATING = 0.5 AMP
 DCR = 350 MILLI-OHMS MAX
 INDUCTANCE = 220-250 uH @ 1 KHz, 250mV, 0.5 AMPS (VERY IMPORTANT)
 INDUCTANCE = 265uH±10% @ 1 KHz, 250mV, 0 AMPS

- 3 SPECIFICATIONS @ 25°C:
- 2 WIRE: CLASS 155°C RATED
CWS BYTEMARK OR OTHER APPROVED PART
- 1 RATING CLASS B (130 °C MINIMUM) REQUIRED
MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

PARTS LIST					
AUTOCAD		X			
SOLIDWORKS					
SIGN		DATE	SALES@COILWS.COM	CWS Coil Winding Specialist.	
			www.coilws.com	353 W Grove Ave Orange, CA 92865	
DRAWN	AK	1/13/17	TITLE:	Toroidal Power Chokes	
CHECKED	JM	1/13/17		265 uH, 0.5 Amp	
ENGR.	JLAU	1/13/17	SIZE	DWG. NO.	REV
APPR.	JLAU	1/13/17		CWS-1TC-12656	A1
UNLESS OTHERWISE SPECIFIED			SCALE	N/A	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M			SHEET 1 OF 1		
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].			CAD-FILE:		
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 \angle=±0°30'					
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 \angle=±0°30'					
ANGLE PROJECTION					
DO NOT SCALE DRAWING					

NOTES: UNLESS OTHERWISE STATED, READ NOTES FROM BOTTOM UP