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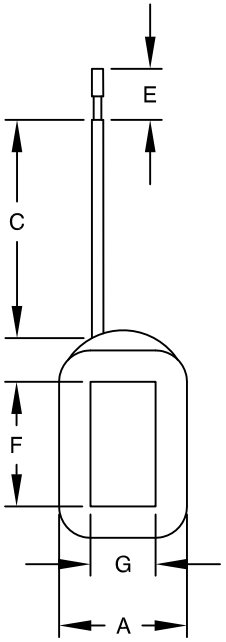
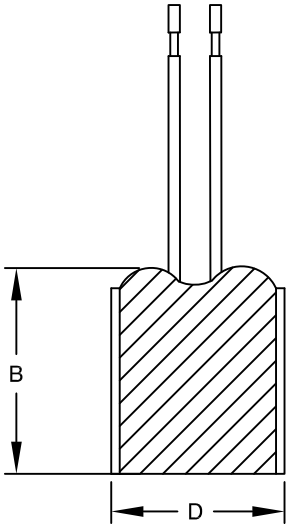
DIMENSIONAL TOLERANCES INCHES [MM]						
A MAX	B MAX	C MIN	D MAX	E REF	F MAX	G MAX
1.57 [40.00]	2.17 [55.00]	6.00 [152.40]	1.32 [33.50]	0.25 [6.35]	1.20 [30.50]	0.71 [18.00]

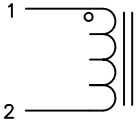
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	JL	09/08/17	JLAU	09/08/17



FRONT VIEW



SIDE VIEW



SCHEMATIC

10 BUILT TO RoHS COMPLIANCE.

9 VARNISH (REMOVE FROM TOP, BOTTOM, AND INSIDE OF BOBBIN)

8 LEAD LENGTH 6", STRIP END 0.25", #18 GA. WHITE TEFLON

7 USE SINGLE ENAMEL MAGNET COIL WIRE

6 BREAK AND DEBURR EDGES

5 IF APPLICABLE, LABEL PART NUMBER AND REVISION

POSITION LEADS AS REQUIRED
REMOVE WIRE INSULATION AND TIN
WIND COILS EVENLY SPACED

4 CONSTRUCTION:

FREQUENCY = 50Hz
VOLTAGE = 240 AC
DCR = 60Ω ±10% MAX
SRF = 38 kHz
MAX TEMP. RISE @ IDC 0.7 AMP, LESS THAN 25°C WITH NO AIRFLOW
INDUCTANCE = 105mH TYP.
TEST FREQUENCY: 1.0 kHz ; TEST VOLTAGE: 250mV
RATED MAX. CURRENT = 0.7 AMPS RMS
OPERATING TEMPERATURE RANGE : -40° TO 180°C

3 SPECIFICATIONS @ 25°C

WIRE: UL RATED CLASS 180°C

2 CORE: AIR

RATING UL-CLASS H (180°C) REQUIRED

1 MATERIAL: UL RECOGNIZED FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED. READ NOTES FROM BOTTOM TO UP.

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

PARTS LIST

UNLESS OTHERWISE SPECIFIED		
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].		
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 ∠=±0°30'		
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 ∠=±0°30'		
ANGLE PROJECTION		
DO NOT SCALE DRAWING		

	SIGN	DATE
AUTOCAD	X	
SOLIDWORKS		
DRAWN	JL	09/08/17
CHECKED	JL	09/08/17
ENGR.	AM	09/08/17
APPR.	JL	09/08/17

COILWS COM, INC
www.coilws.com
CWS Coil Winding Specialist.
353 West Grove Ave.
Orange, CA 92865

TITLE: SOLENOID COIL
105 mH, 0.7Amps

SIZE B | DWG. NO. SOL-001842 | REV A

SCALE N/A | SHEET 1 OF 1

CAD-FILE: