SCHEMATIC

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UPDATE ELEC. SPEC

1.23 [31.2]

W

130510 ×

CLEAN UP THE DRAW REMOVE THE WINDING SPEC

₹

5/10/13

8

2/14/18

2/14/1 5/10/13 7/12/07



∞ BUILT TO RoHS COMPLIANCE

13 IF APPLICABLE, MARK PART NUMBER AND REVISION WHERE SHOWN

5 6 REMOVE INSULATION AND SOLDER TO BASE LEADS APPLY EPOXY BETWEEN TOROID AND BASE

CONSTRUCTION:

WIND BOTH COILS EVENLY SPACED

OPERATING TEMP. RANGE = -40° C TO $+125^{\circ}$ C HI-POT TEST FOR INTERWINDING ISOLATION = 1250VDC WEIGHT: ~ 23 GRAMS

_EAKAGE INDUCTANCE = 24uH TYP.

SRF= 552KHz TYP. |Z| = 17KΩ TYP. @ SRF

RATED CURRENT = 5 AMPS AC MAX INTERWINDING CAPACITANCE = 30pf TYP @ SRF MAX. TEMP RISE AT RATED CURRENT = 38°C

DCR = 25 MILLI-OHMS MAX. PER WINDING = 1.8 mH MIN. @100KHz, 250mVrms

S SPECIFICATIONS @ 25°C:

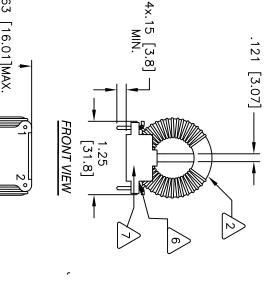
WIRE: UL RECOGNIZED 155°C OR 200°C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART CORE: COATED FERRITE TOROID, HIGH PERM MNZN

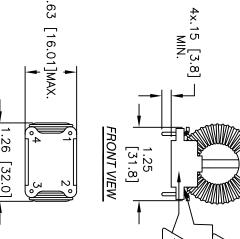
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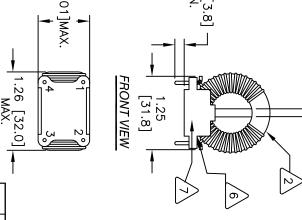
RATING CLASS B (130°C) REQUIRED MATERIAL: UL RECOGNIZED 94V-0 FLAMMABILITY FOR BASE

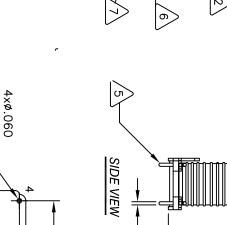
NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP

CAGE CODE: 5DME2









4x.050 [1.27]

.80 [20.32]

DIMENSIONING AND		UNLESS OTHERWISE SPECIFIED				MAX.
		SIGN	SOLIDWORKS	AUTOCAD		CODE
		DATE		×		MFG
		www.coilws.com	COILWS COM, INC		PART	MFG. P/N
	014 1101, 014 01000	ORANGE CA 92865	CVV3 COII VVIII dirily apecialist.	CWC Coll Winding Charlet	PARTS LIST	DESCRIPTION ITE

MOUNTING HOLES PATTERN

[1.52]

.40 [10.16]

DO NOT SCALE DRAWING	ŧ	XXX=±.127 .XX=±.38		TOLERANCE INCHES: TOLERANCE METRICS: TOLERANCE METRICS: TOLERANCE NOTES (=±0°30' ENGR. KSUM 7/12/07 TOLERANCE NOTES)			ALL DIMENSIONS ARE IN INCHES		DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
		APPR.		ENGR.			CHECKED		DRAWN	
		JLAU		KSUM			JLAU	RLU		
		7/12/07		7/12/07			CHECKED JLAU 7/12/07	RLU 7/12/07 TILE:		
SCALE N/A		B PM-12-182U-5A			1.0 HIII MIN., J AHD		TILL TILL			
SHEET 1 OF 1) Choke					
1 1		_	ָ ע	REV						