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6 BUILD TO ROHS COMPLIANCE AND LEAD FREE.

TO THE CORE  
MUST REST FLAT ON PCB). LEADS MUST BE TANGENT  
FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL  
REMOVE INSULATION PER SPECIFIED DIM



WIND WIRE ON CORE EVENLY SPACED

4 CONSTRUCTION:

HI-POT TEST FOR CORE TO WINDING ISOLATION = 500VDC  
DCR = 7.04 MILLI-OHMS TYPICAL  
L = 273nH NOM. @ 1KHz, 250mV, 0ADC BIAS

3 SPECIFICATIONS @ 25 °C :

OUTER WRAP: NONE  
WIRE: UL RECOGNIZED RATING MAGNET WIRE



CORE: COATED POWDER CORE

CLASS B (130°C) REQUIRED

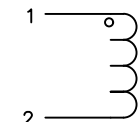
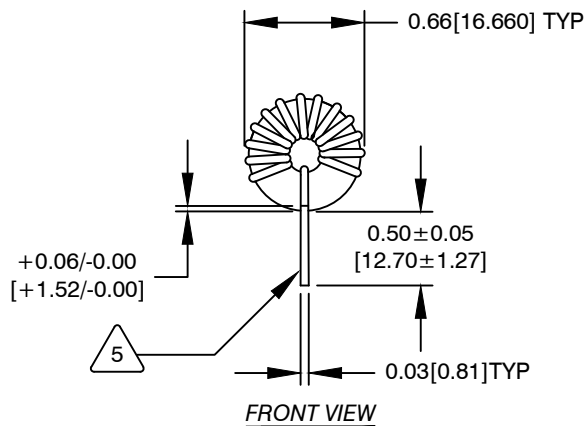
1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART.  
"TYP" IN DIM. TOL. TABLE REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT

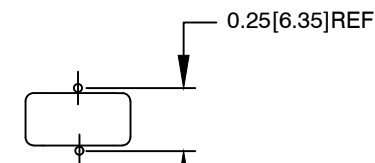
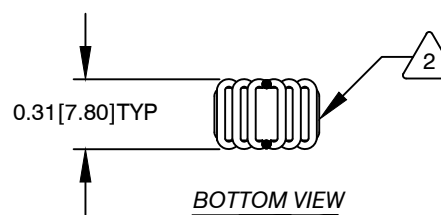
NOTES: UNLESS OTHERWISE STATED, READ NOTES FROM BOTTOM UP.  
CAGE CODE: 5DME2

REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		INITIAL DRAWING RELEASE	TN	11/07/2020	JL	11/07/2020



SCHEMATIC



MOUNTING HOLES PATTERN

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
<b>PARTS LIST</b>				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE	<b>COILWS COM, INC</b> www.coilws.com	CWS Coil Winding Specialist. 353 W. Grove Ave. Orange, CA. 92865
DRAWN	TN	11/07/2020	TITLE: <b>Differential Mode Choke</b>	
CHECKED	JL	11/07/2020	SIZE <b>B</b> DWG. NO. <b>CWS-1TC-12815</b> REV <b>A</b>	
ENGR.	JL	11/07/2020	SCALE <b>1=2</b> SHEET <b>1</b> OF <b>1</b>	
APPR.	JL	11/07/2020		

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].	
TOLERANCE INCHES: .XXX=±.010 .XX=±.020 <math>\sphericalangle=±0°30'</math>	
TOLERANCE METRICS: .XXX=±.254 .XX=±.51 <math>\sphericalangle=±0°30'</math>	
ANGLE PROJECTION	
DO NOT SCALE DRAWING	

CAD-FILE: