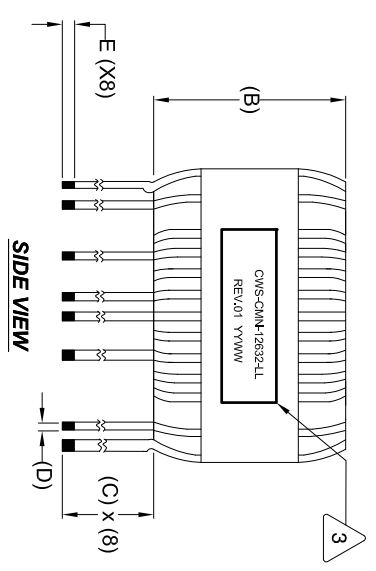
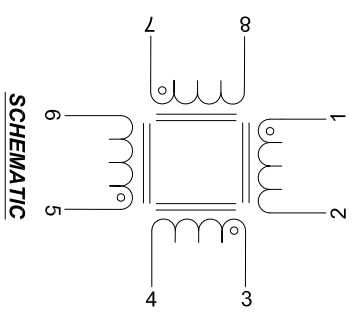


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DIMENSIONAL TOLERANCE INCHES [MM]				
A	B	C	D	E
Max	Max	Min	Typ	Typ
3.80 [96.52]	2.25 [57.15]	12.00 [304.80]	0.16 [4.10]	0.50 [12.70]

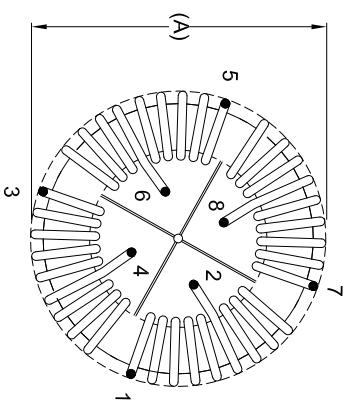
REVISION HISTORY				
REV	ECN	DESCRIPTION	BY	DATE
01	N/A	PRODUCTION RELEASE	AK	10/10/16
		DIMENSION CORRECTION	TN	11/02/17



- BUILT TO NON-ROHS COMPLIANCE
- 3 LABEL PART NUMBER AT THE TAPE

WEIGHT = ~1089 GRAMS
 INTERWINDING ISOLATION = 2000 VOLTS RMS
 DCR ON EACH WINDING = 3.5 mΩ MAX
 SRF ~ 315 KHZ TYP
 RATED CURRENT = 50 AMPS
 LEAKAGE INDUCTANCE = 8.6 μH TYP @ 1KHz, 0.25 Vrms
 INTERWINDING CAPACITANCE = 39 pF TYP @ SRF
 IMPEDANCE = 4.45 kΩ NOM @ SRF
 L = 8 mH MIN @ 1KHz, 0.25 Vrms, 0 ADC
 NUMBER OF TURNS: 9 REF. (X4)
- 2 SPECIFICATIONS AT 25°C:

GLASS CLOTH TAPE PN: 1G08S
 WIRE: AWG#7 CL200 HEAVY BUILD
 CORE: PN: NANOCRYSTALLINE
 CASE RATING CLASS B (130°C)
 MATERIAL: UL RECOGNIZED FOR FLAMMABILITY
- 1 MATERIAL: UL RECOGNIZED FOR FLAMMABILITY



NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP.
 CAGE CODE: 5DME2

AUTOCAD		SOLIDWORKS	
UNLESS OTHERWISE SPECIFIED		UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)		ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	
TOLERANCE METERS		TOLERANCE METERS	
XXXX±.127		XXXX±.127	
XX±.3		XX±.3	
ANGLE PROJECTION		ANGLE PROJECTION	
DO NOT SCALE DRAWING		DO NOT SCALE DRAWING	
DATE	10/10/16	DATE	10/10/16
DRAWN	AK	DRAWN	AK
CHECKED	JM	CHECKED	JM
ENGR.	BO	ENGR.	BO
APPR.	BO	APPR.	BO
SCALE	N/A	SCALE	N/A
TITLE:	Nanocrystalline Inductor For-Phase Common Mode Choke	TITLE:	Nanocrystalline Inductor For-Phase Common Mode Choke
WWW.COILWS.COM		WWW.COILWS.COM	
SALES@COILWS.COM		SALES@COILWS.COM	
353 West Grove Ave		353 West Grove Ave	
Orange, California, 92865		Orange, California, 92865	
COIL WINDING SPECIALIST INC.		COIL WINDING SPECIALIST INC.	
SIZE	DWG. NO.	SIZE	DWG. NO.
B	CWS-CMN-12632-LL	B	CWS-CMN-12632-LL
SHEET	1	SHEET	1
OF	1	OF	1
REV	01	REV	01