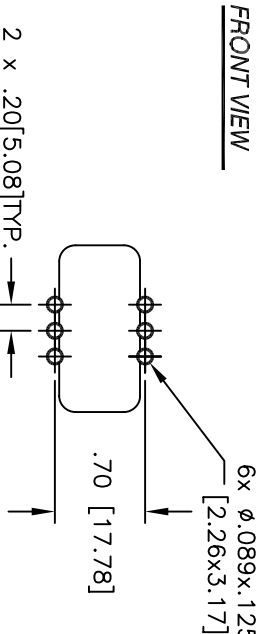
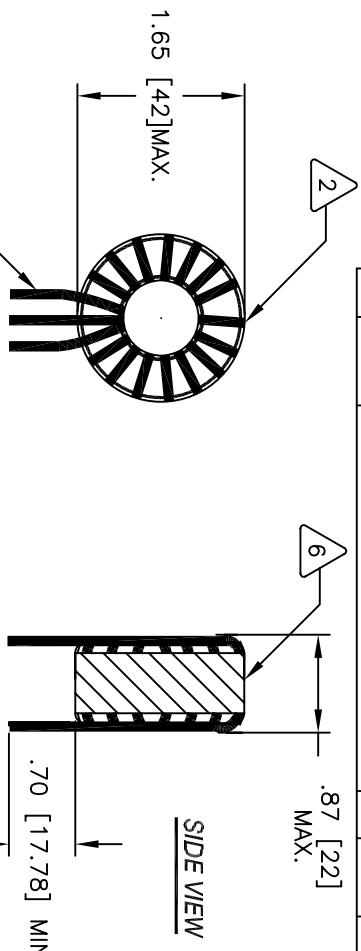


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REVISION HISTORY			
REV	ECON	DESCRIPTION	DATE
A		PRODUCTION RELEASE - REPLACE CWS-10445-5.5U-60A	4/6/09



MOUNTING HOLES PATTERN

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD SOLIDWORKS	X	COLLWS COM, INC CWS Coil Winding Specialist 353 W Grove Ave Orange, CA 92865	
DRWN	DATE	TITLE:	
CHKD	ENGR.	Differential Mode Inductor	
APPR.	APPR.	6.0 uH, 60 Amp, Tri-filar, Vertical	
UNLESS OTHERWISE SPECIFIED		SIZE DWG. NO.	REV
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		B	A
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]		SCALE	
TOLERANCE INCHES: .XX = ±.015		1 = 1	
TOLERANCE METRICS: .XX = ±.38		SHEET	1 OF 1
ANGLE PROJECTION:			
DO NOT SCALE DRAWING			

- 8 REPLACES PN: CWS-10445-5.5U-60A
- 7 BUILD TO ROHS COMPLIANCE AND LEAD FREE
- 6 SHOWN, USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION IN APPROX WHERE WRAP INDUCTOR WITH GLASS TAPE, (PER NOTE 2)
- 5 MUST REST FLAT ON PCB). LEADS MUST BE TANGENT TO THE CORE FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL REMOVE INSULATION AND TIN LEADS APPROX. 0.7 INCH
- 4 3RD WIRE AROUND BIFILAR WINDING TIGHTLY WIND BIFILAR LAYER FIRST, THEN OVERLAP WIND COILS EVENLY SPACED AROUND CORE CONSTRUCTION:
- 3 INSULATION COVERING HAS NOT BEEN BREACHED HI-POT TEST COIL TO COIL, 250VDC TO INSURE INTEGRITY OF WINDING POWER LOSS 3.87W MAX @ 60A
DCR = 1mOHMS MAX (ALL 3 STRANDS IN PARALLEL)
L = 6.0 uH ± 15% (10 KHZ), <1Vrms); ~ 3.38uH @ 60A DC BIAS SPECIFICATIONS:
- 2 OUTER WRAP: UL RATED SCOTCH 3M GLASS CLOTH TAPE OR EQUAL WIRE: UL RECOGNIZED 200° C RATING MAGNET WIRE SUPPLIER: CWS BYTEMARK (www.cwsbytemark.com)
CORE: MPP TOROID CM330060
- 1 RATING CLASS B (130°) REQUIRED MATERIAL: UL RECOGNIZED 94V-2 FLAMMABILITY

NOTES: READ FROM BOTTOM UP.