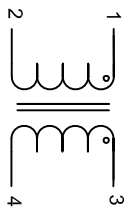
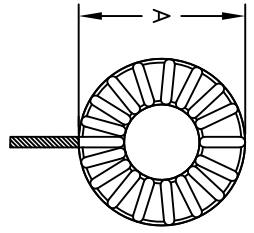


The information contained in this drawing is the sole property of CMS Coil Winding Specialist. Any reproduction in part or whole without written permission of CMS Coil Winding Specialist is prohibited.

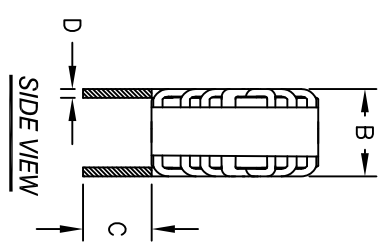
DIMENSIONAL TOLERANCES INCHES (MM)					
A	B	C	D	REF	P1
MAX	MAX	MIN			
2.77 [70.50]	1.93 [49.00]	1.00 [25.40]	0.11x0.21 [2.80x5.33]		1.74 [44.15]



SCHEMATIC



FRONT VIEW



SIDE VIEW

- 7 BUILT TO ROHS COMPLIANCE
- 6 IF APPLICABLE, LABEL PART NUMBER AND REVISION
- 5 POSITION LEADS AS REQUIRED
REMOVE WIRE INSULATION AND TIN
WIND COILS EVENLY SPACED
CONSTRUCTION:
- 4 WEIGHT: 158.8 GRAMS

HIPOT WINDING-TO-CORE 1250 VAC, 10 SEC
INTERWINDING CAPACITANCE = 8.5pF
|Z| @ SRF = 15 KΩ
DCR = 2.5mΩ MAX

SRF ~ 6.5 MHz
MAX TEMP. RISE @ IDC 65 AMP, LESS THAN 50°C WITH NO AIRFLOW
DC BIASED = 50 AMPS, INDUCTANCE = 53 uH
DC BIASED = 25 AMPS, INDUCTANCE = 60 uH
INDUCTANCE @ 0 AMP = 62 uH±15% (LESS THAN 10% RIPPLE)
TEST FREQUENCY: 1.0 KHZ ; TEST VOLTAGE: 250mV
RATED MAX. CURRENT = 65 AMPS RMS ; FREQUENCY: 1KHZ
OPERATING TEMPERATURE RANGE : -40° TO 180°C
SPECIFICATIONS @ 25°C

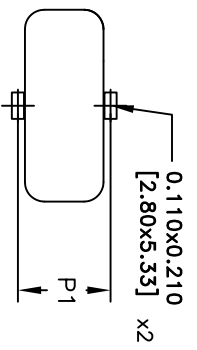
- 3 WIRE: UL RATED CLASS 200°C
CORE: HIGH TEMP POWDERED CORE
- 2 RATING UL-CLASS H (180°C) REQUIRED
- 1 MATERIAL: UL RECOGNIZED FLAMMABILITY

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

EP FORM0005 REV 3 10/01

REVISION HISTORY			
REV	ECN	DESCRIPTION	BY
A		PRODUCTION RELEASE	TN

DC Bias	INDUCTANCE
0 Amp	62.5 uH
5 Amp	62.0 uH
10 Amp	61.5 uH
15 Amp	61.0 uH
20 Amp	60.0 uH
25 Amp	59.5 uH
30 Amp	58.0 uH
35 Amp	56.0 uH
40 Amp	55.0 uH
45 Amp	54.0 uH
50 Amp	52.5 uH



MOUNTING HOLES PATTERN

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD SOLIDWORKS		CWS Coil Winding Specialist. 353 W GROVE AVE ORANGE, CA. 92865	
UNLESS OTHERWISE SPECIFIED	DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND (MILLIMETERS).		
TOLERANCE INCHES:	XXX=±.005 XX=±.015 X=±.030		
TOLERANCE METRICS:	XXX=±.127 XX=±.254 X=±.38		
ANGLE PROJECTION	FIRST ANGLE		
DO NOT SCALE DRAWING			
DRAWN	DATE	TITLE:	SIZE
JL	06/02/17	Toroidal Power Inductor	DWG. NO.
CHKD	06/02/17	62.0 uH, 65 Amp	
ENGR	06/02/17		
APPR	06/02/17		
JM			
SCALE		NOT TO SCALE	REV
			A

CAD-FILE: