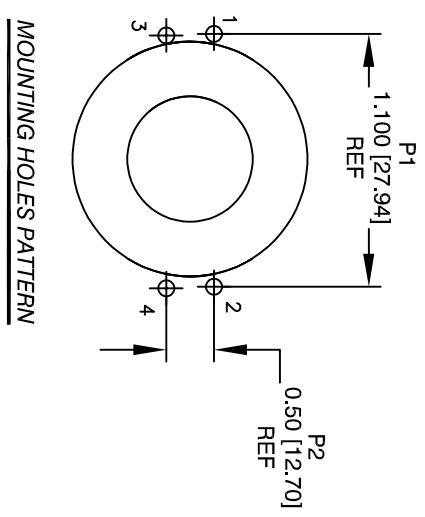
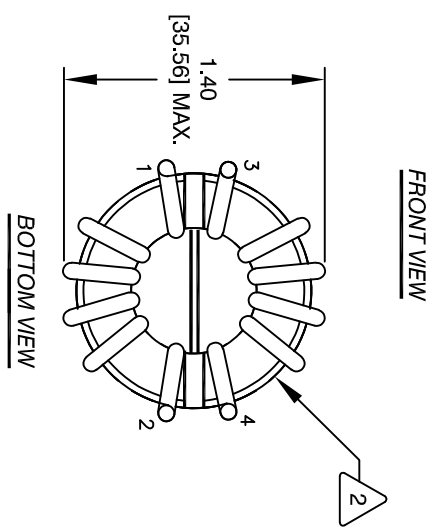
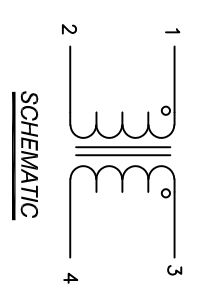
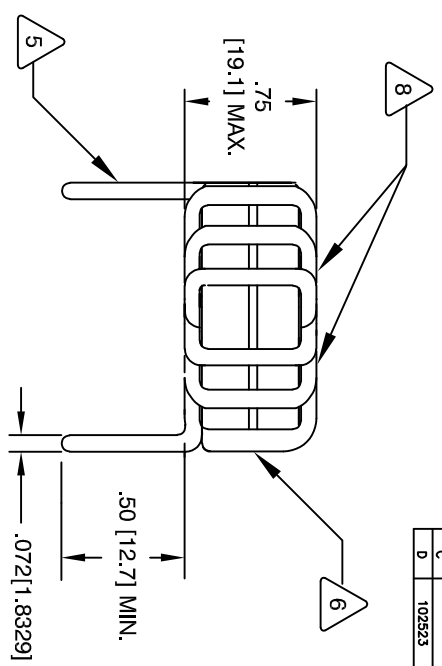


The information contained in this drawing is the sole property of Coil Winding Specialist, Inc. Any reproduction in part or whole without written permission of Coil Winding Specialist is prohibited.

REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	RRR	6/01/06	JLJU	6/01/06
C		ELECT. AND MECH. SPEC. CHANGE	GN	4/15/13	AK	4/15/13
D	102523	UPDATED MOUNTING HOLES PATTERN DIMENSION	TN	10/25/23	JL	10/25/23

- 8 ADDED EPOXY (TOP VIEW) TO HOLD SPACER
- 7 BUILT TO ROHS COMPLIANCE AND LEAD FREE
- 6 IF APPLICABLE, MARK PART NUMBER WHERE SHOWN
- 6 FLUSH WITH THE COIL EDGE, AS SHOWN
- 6 REMOVE INSULATION AND TIN LEADS APPROX. 0.5 INCH
- 5 WIND ON EACH SIDE TO CORE AND EVENLY SPACED CONSTRUCTION:
- 4 WEIGHT = 30.1 GRAM
TEMP RANGE = -25 °C TO 120°C
MAX TEMP RISE = 33 °C
TEST VOLTAGE = 2000 VAC, 1 MIN.
DCR ON EACH WINDING = 3.4 MILLI-OHMS
SRF = 1.56 MHZ
IMPEDANCE = 800 OHMS@ 1.56 MHZ
INTERWINDING CAPACITANCE = 54.7 pF TYP @10 KHZ
LEAKAGE INDUCTANCE = 1.42 uH TYP @10 KHZ, 1Vrms
RATED VOLTAGE = 250 VAC OR VDC
RATED CURRENT = 20 AMPS
L = 0.15 mH MIN., 10HKz, 250 mV, 0 ADC
INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
SPECIFICATIONS AT 25°C:



- 3 APPROVED PART
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: FERRITE TOROID, HIGH PERM IMZN
 - 2 BOBBIN RATING CLASS B (200°) REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTE FROM BOTTOM UP.

UNLESS OTHERWISE SPECIFIED		AUTOCAD		TITLE:	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].	SIGN	DATE	Common Mode Chokes	
TOLERANCE INCHES: .XX±.005, .XX±.010, .XX±.015, .XX±.020, .XX±.030, .XX±.040, .XX±.050	TOLERANCE MILLIMETERS: .XX±.127, .XX±.254	DRWN	DATE	Horizontal Mount	
ANGLE PROJECTION	DO NOT SCALE DRAWING	RPR	DATE	SIZE	DRG. NO.
		JLJU	5/13/04	B	HL-H-151U-20A
		ENGR.	DATE	SCALE	
		KSUM	5/13/04	2=1	
		APPR.	DATE		
		JLJU	5/13/04		

sales@coilws.com
www.coilws.com
Coil Winding Specialist, Inc.
353 W. Grove Ave.,
Orange, CA 92865