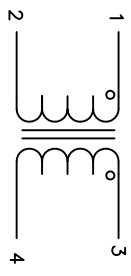


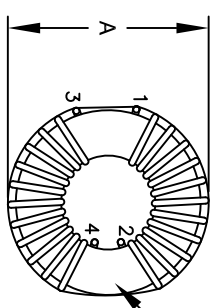
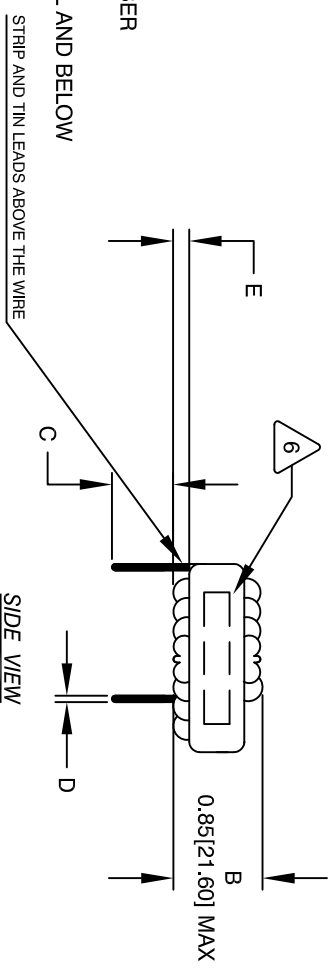
The information contained in this drawing is the sole property of Coil Winding Specialist, Inc. Any reproduction in part or whole without written permission of Coil Winding Specialist is prohibited.



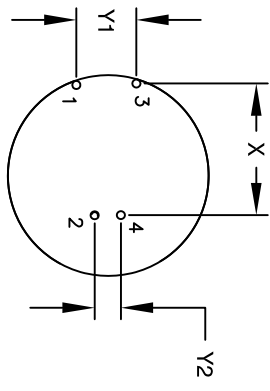
SCHEMATIC

DIMENSIONAL TOLERANCE INCHES [MM]					
A	B	C	D	E	X
MAX	MAX	MIN	TYP.	ABOVE THE WIRE	REF.
1.87 [47.5]	.85 [21.6]	.60 [15.2]	.10 [2.54]	.04-.15 [1-4]	1.06 [26.9]
					Y1 REF.
					.60 [15.2]
					Y2 REF.
					.30 [7.6]

REVISION HISTORY			SIGN & DATE			
REV	ECON	DESCRIPTION	BY	DATE	CHK	DATE
E	161129	CHANGE STRIPPING AND TINNING	AK	11/29/16	BO	11/29/16
E1	N/A	ADDED LETTER B FOR THE HEIGHT	TN	08/30/18	JL	08/30/18



BOTTOM VIEW



MOUNTING HOLES PATTERN

- 7 BUILT TO ROHS COMPLIANCE WHERE SHOWN.
GLASS TAPE OR EQUAL AND LABEL PART NUMBER IF APPLICABLE, WRAP UNIT WITH 2 LAYERS OF LEAD LENGTH MUST BE .60 MIN FROM THE COIL AND BELOW OF THE CORE.
WIND EVENLY SPACED ON EACH SIDE
- 4 CONSTRUCTION:
WEIGHT = ~100 GRAMS
SRF ~ 3.5 MHZ TYP
IMPEDANCE = 651 Ω NOM @ 3.5 MHZ TYP
INTERWINDING CAPACITANCE = 1.61 pF TYP @ 1KHZ.
LEAKAGE INDUCTANCE = 4.65 uH TYP @ 10KHZ, 1.0 Vrms.
HI-POT WINDING-TO-WINDING 2500 VDC @ 1mA FOR 10 SEC.
DCR ON EACH WINDING = 1.9 MILLI-OHMS MAX.
INDUCTANCE = 0.90 mH min @ 1 KHz, 1 Vrms
RATED CURRENT MAX. @ 40 AMPS RMS
OPERATING TEMPERATURE RANGE: -40°C to 125°C
SPECIFICATIONS @ 25 °C :

- 2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CORE: HIGH PERM
- 1 MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

AUTOCAD		X		PARTS LIST	
SOLIDWORKS	SIGN	DATE	DATE	sales@coilws.com www.coilws.com	
DRAWN	RPR	3/28/05	3/28/05	Coil Winding Specialist, Inc. 353 W. Grove Ave. Orange, CA 92865	
CHKD	JLJU	3/28/05	3/28/05	TITLE: Inductor Common Mode 0.90mH MIN, 40Amp	
ENGR	KSUM	3/28/05	3/28/05	SIZE [ING. NO.]	REV
APPR	JLJU	3/28/05	3/28/05	B	E1
DO NOT SCALE DRAWING				SCALE	SHEET 1 OF 1