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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RRR	8/16/07	JLAW	8/016/07
A1		UPDATED SPECIFICATIONS	GN	2/07/11	JLAW	2/07/11

- BUILT TO ROHS COMPLIANCE AND LEAD FREE.
- WHERE SHOWN, USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION APPROX OVER CORES. (PER NOTE 2)
- APPLY EPOXY ON MATINGS SURFACES AND WRAP TAPE

- FLUSH TO THE COIL EDGE, AS SHOWN
- REMOVE INSULATION AND TIN LEADS

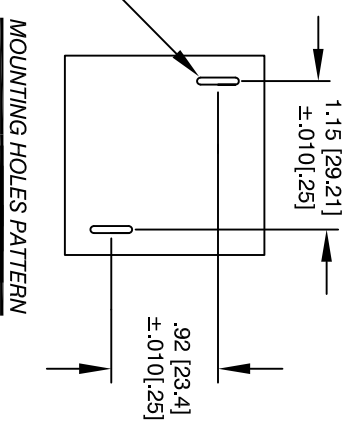
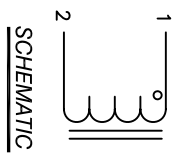
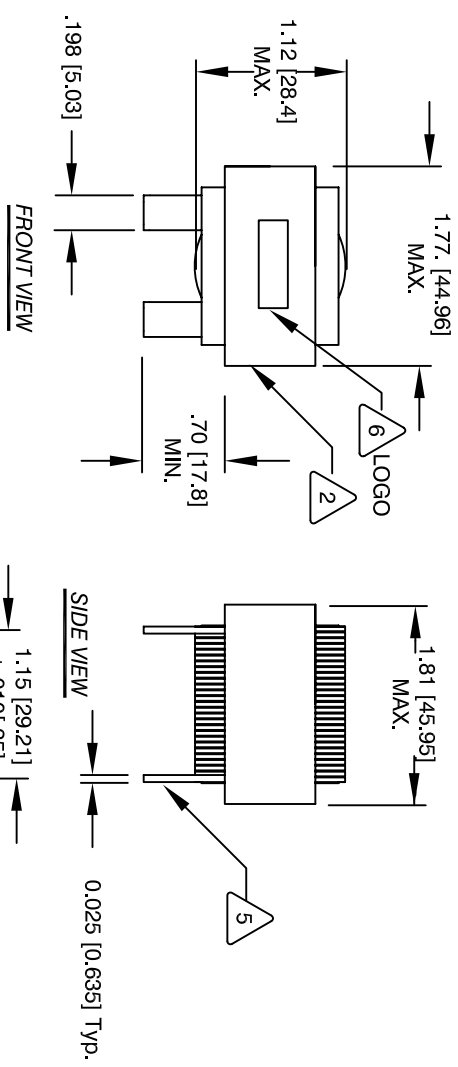
- PRE FORMED FLAT HELICAL COIL, HELIX WOULD EVENLY SPACED CONSTRUCTION:

- WEIGHT = 180 GRAMS
OPERATING TEMPERATURE: -40°C TO 85°C, AT 55°C AMBIENT
HI-POT TEST FOR WINDING TO CORE ISOLATION, 1000VDC
RATED CURRENT: 30 AMPS
DCR = 13.0 MOHM MAX., USING QUADTECH 2200
L = 70 uH (TYP) AT 25 AMPS DC BIAS
L = 100 uH ± 15%, MEASURED AT 10 KHZ, 0.1V, ZERO DC BIAS
SPECIFICATIONS: Q = 80 MIN

- VARNISHED WITH DOLPH
EPOXY: UNIBOND OR CWS APPROVED PART
OUTER WRAP: 3M GLASS CLOTH
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CORE: GAPPED SENDUST/KOOL MU

- INSULATION CLASS 200°C REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



QTY	CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
	AUTOCAD	X			
	SOLIDWORKS				
	DRWN	RRR	8/16/07	www.coilws.com	Coil Winding Specialist, Inc.
	CHKD	JLAW	8/16/07	sales@coilws.com	353 W. GROVE AVENUE ORANGE, CA. 92865
	ENGR	KSUM	8/16/07	TITLE: Helical Output Inductors 30Amps	
	APPR	JLAW	8/16/07		
	SIZE	DMG. NO.	E70340-016		
	SCALE	1 = 1		REV	A1

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].
TOLERANCE INCHES: ϕ = ±0.30
XXX = ±.010 XX = ±.020 \angle = ±0.30
XXX = ±.25 X = ±.51
ANGLE PROJECTION \angle
DO NOT SCALE DRAWING