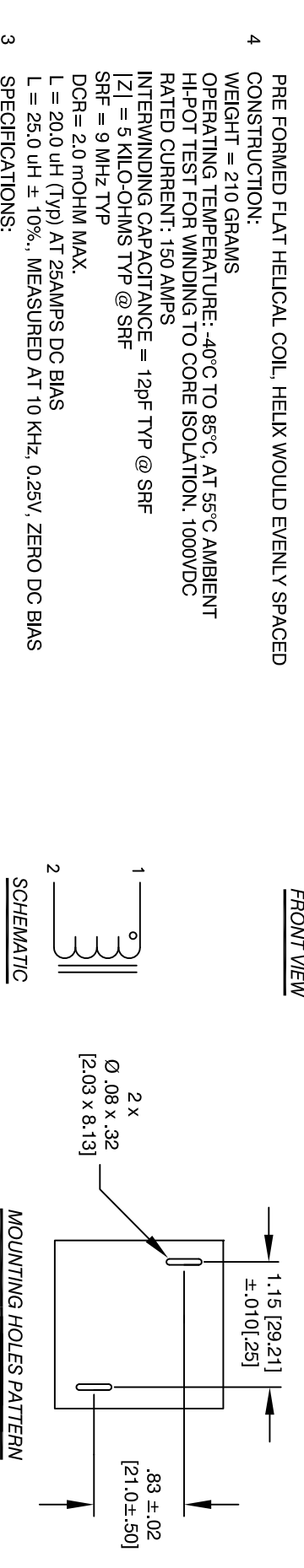
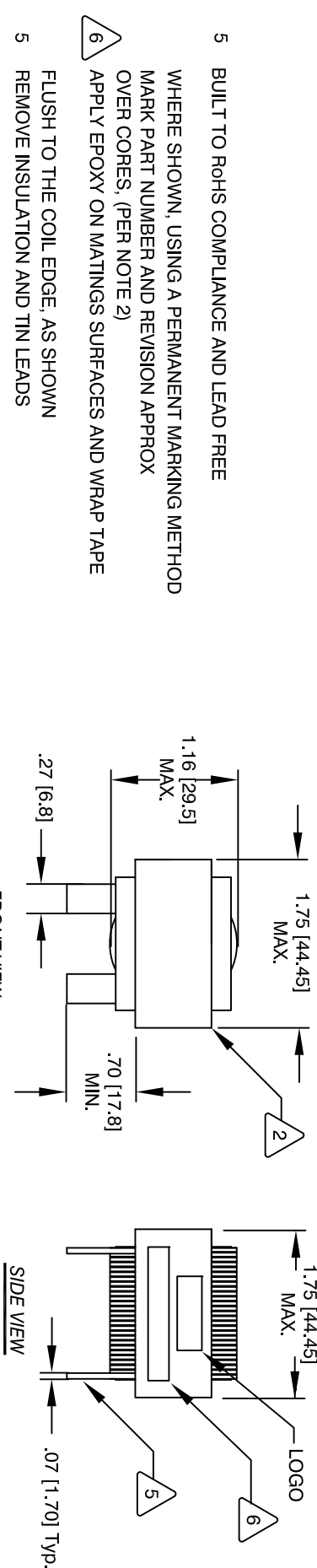


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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B1		UPDATED SPECIFICATIONS	GN	2/23/05	JLJU	2/23/05
C		ELECTRICAL SPEC. CHANGE	GN	9/20/11	JLJU	9/20/11
D		ELEC. AND MECH. SPEC. CHANGE	GN	10/26/11	JLJU	10/26/11
E		UPDATED ELECTRICAL SPEC.	TN	11/19/18	JL	11/19/18



- 5 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)
- 6 APPLY EPOXY ON MATINGS SURFACES AND WRAP TAPE FLUSH TO THE COIL EDGE. AS SHOWN
- 5 REMOVE INSULATION AND TIN LEADS
- 4 PRE FORMED FLAT HELICAL COIL, HELIX WOULD EVENLY SPACED CONSTRUCTION:
WEIGHT = 210 GRAMS
OPERATING TEMPERATURE: -40°C TO 85°C, AT 55°C AMBIENT
HI-POT TEST FOR WINDING TO CORE ISOLATION, 1000VDC
RATED CURRENT: 150 AMPS
INTERWINDING CAPACITANCE = 12pF TYP @ SRF
|Z| = 5 KILO-OHMS TYP @ SRF
SRF = 9 MHz TYP
DCR = 2.0 MOHM MAX.
L = 20.0 uH (TYP) AT 25AMPS DC BIAS
L = 25.0 uH ± 10%, MEASURED AT 10 KHZ, 0.25V, ZERO DC BIAS
- 3 SPECIFICATIONS:
VARNISHED WITH DOLPH
EPOXY: UNIBOND OR CWS APPROVED PART
OUTER WRAP: 3M GLASS CLOTH
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CORE: SENDUST/KOOL MU
- 2 INSULATION CLASS 200°C REQUIRED
- 1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.
CAGE CODE: 5DMEZ

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
	AUTOCAD	X		
	SOLIDWORKS			
	DRWN	DATE		
	CHKD	DATE		
	ENGR	DATE		
	APPR	DATE		
UNLESS OTHERWISE SPECIFIED				
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]				
TOLERANCE INCHES: .XXX±.010 .XX±.020 .X±.030				
TOLERANCE METRICS: .XXX±.254 .XX±.51				
ANGLE PROJECTION				
DO NOT SCALE DRAWING				
TITLE:		Helical Output Inductors		
SIZE [Dwg. No.]		150 Amps		
SCALE		NOT TO SCALE		
SHEET		1 OF 1		

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