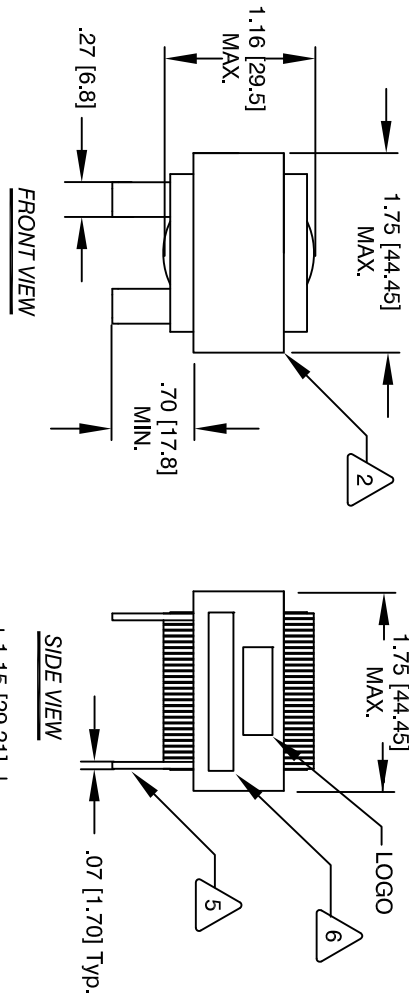


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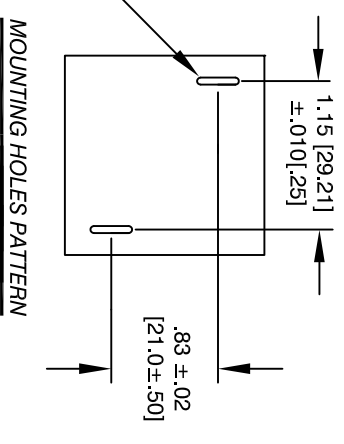
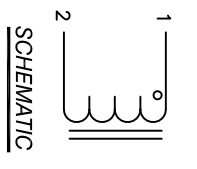
REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	RPR	2/23/05	JLJU	2/23/05
B1		UPDATED SPECIFICATIONS	GN	2/01/11	JLJU	2/01/11
C		ELECTRICAL SPEC. CHANGE	GN	9/20/11	JLJU	9/20/11
D		ELEC. AND MECH. SPEC. CHANGE	GN	10/28/11	JLJU	10/28/11

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



- WEIGHT = 210 GRAMS
- MAX INDUCTOR TEMP RATING: 200°C
- OPERATING TEMPERATURE: -40°C TO 85°C
- H-POT TEST FOR WINDING TO CORE ISOLATION. 1000VDC
- RATED CURRENT: 150 AMPS
- INTERWINDING CAPACITANCE @10 KHZ = 15.21 pF TYP
- IMPEDANCE @ SRF = 4 KOHMS
- SRF = 8 MHz
- 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



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

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.  
CAGE CODE: 5DMWE2

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			<b>PARTS LIST</b>	
	AUTOCAD	X		
	SOLIDWORKS			
	SIGN	DATE		
	DRWNG	2/23/05		
	CHKD	2/23/05		
	ENGR	2/23/05		
	KSUM	2/23/05		
	APPR	2/23/05		
	JLJU			
	SCALE	NOT TO SCALE		
	SIZE	DMG. NO.		
	B	E70340-014		
	REV			
	D			

UNLESS OTHERWISE SPECIFIED  
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].  
TOLERANCE INCHES: .XX=±.010 .XX=±.020 .X=±.030  
TOLERANCE METRICS: .XX=±.254 .X=±.31

DO NOT SCALE DRAWING

SCALE

SHEET 1 OF 1

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Helical Output Inductors  
150 Amps