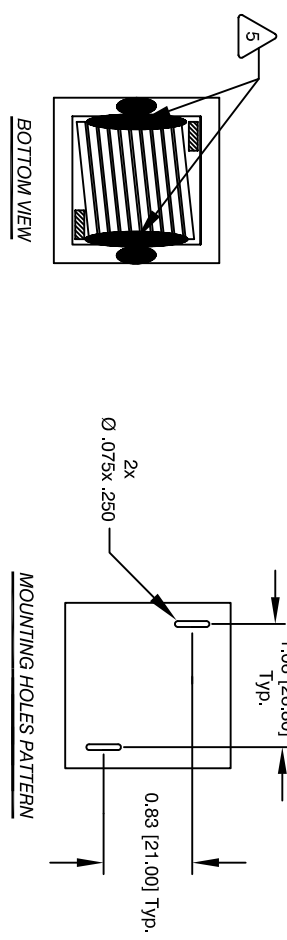
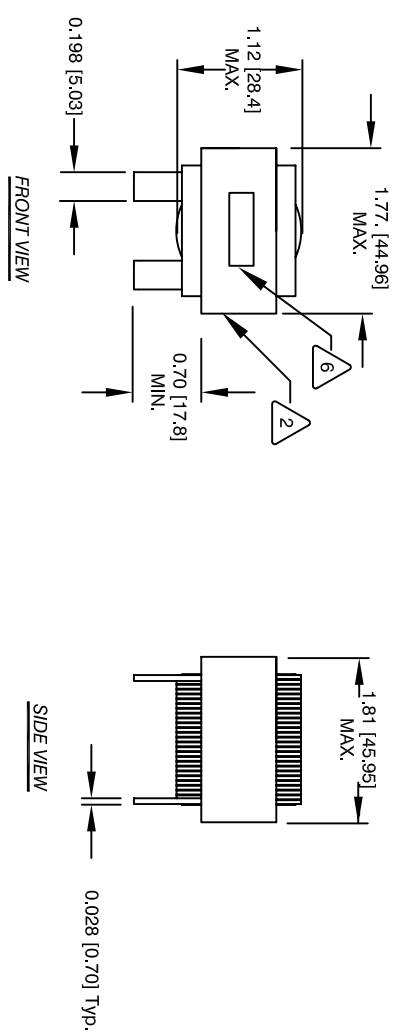
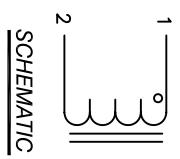


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REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
BY	DATE	CHK	DATE	DATE		
A		PRODUCTION RELEASE	RRR	8/16/07	JLJU	8/016/07
A1		UPDATED SPECIFICATIONS	GN	2/01/11	JLJU	2/01/11
B	130930	REMOVE MARKING METHOD, FIX DIMENSIONS ON PITCH OF THE LEADS	AK	9/30/13	JM	9/30/13



- 7 BUILT TO ROHS COMPLIANCE
- 6 SHOW PART NUMBER AND REVISION
- 5 VARNISH PART AND CURE  
APPLY SILICON WHERE SHOWN
- 4 WRAP TAPE AROUND CORES  
WITH CORES AND MYLAR SPACERS  
ASSEMBLE PRE FORMED FLAT HELICAL COIL  
CONSTRUCTION
- 3 WEIGHT: 180 GRAM  
RECOMMENDED OPERATING TEMP: -40°C TO 85°C AT 55 °C AMBIENT  
HI-POT TEST FOR WINDING TO CORE ISOLATION, 1000VDC  
RATED CURRENT: 30 AMPS  
INTERWINDING CAPACITANCE @ 10KHZ = 14.0 pF (TYP)  
|Z|@SRF=7.0 KILO-OHM (TYP)  
SRF=4.1 MHZ (TYP)  
DCR=13.0 MILLI-OHM MAX.  
L= 70.0 uH (TYP) AT 25 AMPS DC BIAS  
L= 100 uH ± 15%, MEASURED AT 10 KHZ, 0.1V, ZERO DC BIAS  
Q= 80 MIN  
SPECIFICATIONS:
- 2 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
- 1 INSULATION CLASS 200°C REQUIRED  
MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			<b>PARTS LIST</b>	
	AUTOCAD SOLIDWORKS	X		
	DRWN	RRR	DATE	
	CHKD	JLJU	8/16/07	
	ENGR	KSUM	8/16/07	
	APPR	JLJU	8/16/07	
	SIZE	DMG. NO.	<b>Helical Output Inductors</b> <b>30Amps</b> <b>E70340-016</b>	
	B			
	N/A			
	SCALE			REV B
				SHEET 1 OF 1