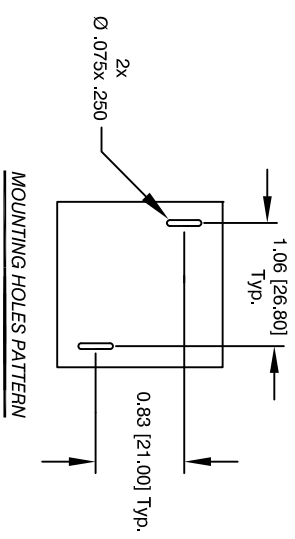
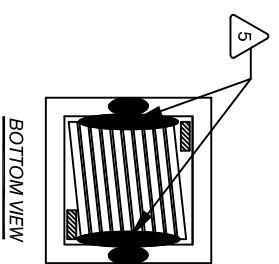
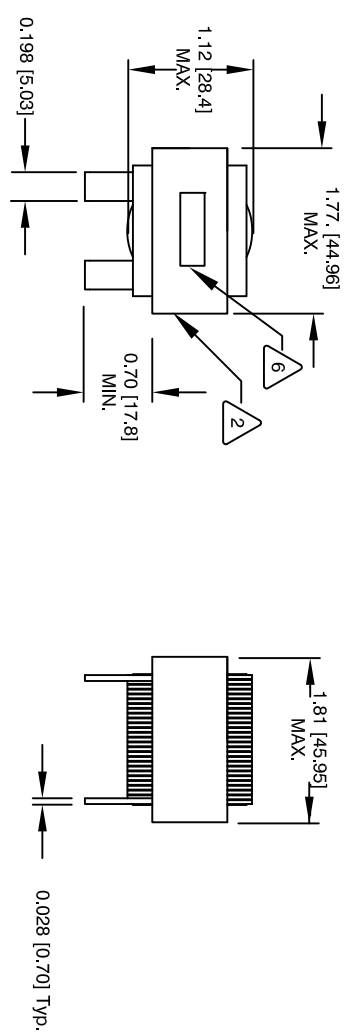
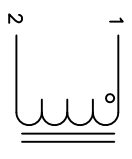


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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RRR	8/16/07	JLJU	9/01/07
AI		UPDATED SPECIFICATIONS	GN	2/01/11	JLJU	2/01/11
B	130930	REMOVE MARKING METHOD, FIX DIMENSIONS ON PITCH OF THE LEADS	AK	9/20/13	JM	9/20/13
C		UPDATED ELECTRICAL SPEC.	TN	11/19/18	JL	11/19/18



- 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
MAX INDUCTOR TEMP RATING: 200°C
RECOMMENDED OPERATING TEMP: -40°C TO 85°C
HIPOT TEST FOR WINDING TO CORE ISOLATION: 1000VDC
RATED CURRENT: 30 AMPS
INTERWINDING CAPACITANCE = 5.0pF TYP @ SRF
|Z| = 20 KILO-OHMS TYP @ SRF
SRF = 7.3MHZ 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.
CAGE CODE: 5DME2

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].
TOLERANCE INCHES: ϕ = ±0.30
XXX = ±0.10 XX = ±0.20 ϕ = ±0.30
XX = ±.25 X = ±.51
ANGLE PROJECTION
DO NOT SCALE DRAWING

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
	AUTOCAD SOLIDWORKS	X		
	DRWN	8/16/07		
	CHKD	8/16/07		
	ENGR	8/16/07		
	APPR	8/16/07		
	SIZE	DWG. NO.		REV
	B	E70340-016		C
	SCALE	N/A		

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Helical Output Inductors
30Amps