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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRE-PRODUCTION RELEASE	RPR	7/21/04	JLJU	7/21/04
B	0803001	PRODUCTION RELEASE - CWS	KLC	03/08/08	KLC	03/08/08
B1		UPDATED SPECIFICATIONS	GN	02/01/11	JL	02/01/11
C		UPDATED ELECTRICAL SPEC.	TN	01/28/19	JL	01/28/19

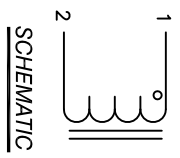
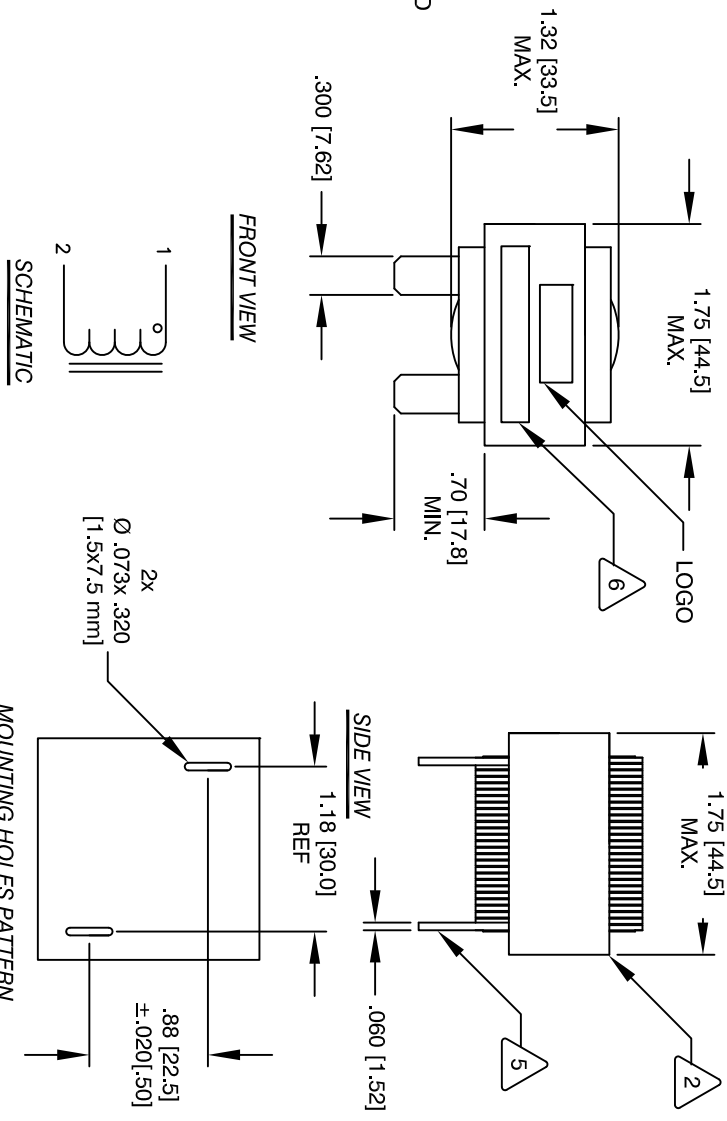
- 7 BUILT TO ROHS COMPLIANCE AND LEAD FREE  
WHERE SHOWN, USING A PERMANENT MARKING METHOD  
MARK PART NUMBER AND REVISION APPROX  
OVER CORES. (PER NOTE 2)
- 6 APPLY EPOXY ON MATINGS SURFACES AND WRAP TAPE
- 5 REMOVE INSULATION AND TIN LEADS
- 4 CONSTRUCTION:  
PRE FORMED FLAT HELICAL COIL, HELIX WOULD EVENLY SPACED

- WEIGHT = 280 GRAMS  
MAX INDUCTOR TEMP RATING: 200°C  
OPERATING TEMPERATURE: -40°C TO 85°C  
TO INSURE INTERGRITY OF WINDING INSULATION  
HI-POT TEST FOR WINDING TO CORE ISOLATION: 1000VDC  
INDUCTOR RATED CURRENT: 120 AMPS  
INTERWINDING CAPACITANCE = 5.4pF TYP @ SRF  
|Z| = 2.57 KILLO - OHMS TYP @ SRF  
SRF = 15.4 MHZ TYP  
DCR = 2.5 MILLI-OHMS MAX.  
L = 16.0 uH TYP @ 25 AMPS DC BIAS  
L = 20.0 uH ± 20%, MEASURED AT 10 KHZ, 0.25V, ZERO DC BIAS  
SPECIFICATIONS @ 25°C:

- 3 VARNISH WITH DOLPH  
EPOXY: UNIBOND OR CWS APPROVED PART  
OUTER WRAP: 3M GLASS CLOTH OR CWS APPROVED PART  
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE  
CORE: MICROMETAL IRON POWER
- 2 INSULATION CLASS : 200°C REQUIRED
- 1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM UP.

CAGE CODE: 5DME2



QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			<b>PARTS LIST</b>	
	AUTOCAD SOLIDWORKS			
	DRWING	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 .XX±.025 .X±.031				
TOLERANCE METRICS: .XXX±.254 .XX±.51				
ANGLE PROJECTION				
DO NOT SCALE DRAWING				
TITLE:		Coil Winding Specialist, Inc. 353 W GROVE AVE ORANGE, CA. 92865		
SIZE: Dwg. No.		E70340-004		
SCALE: NOT TO SCALE		SHEET 1 OF 1		
REV		REV C		