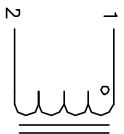


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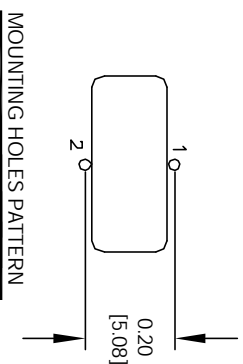
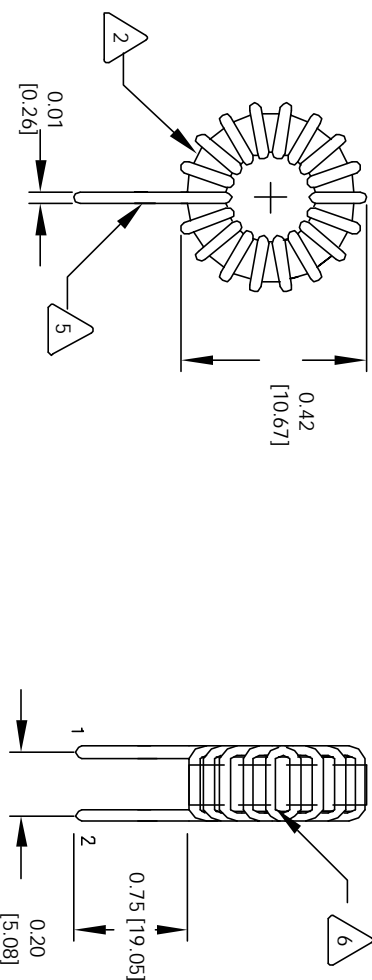
REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
C		PRODUCTION RELEASE	RPR	6/27/06	JLJU	6/



SCHEMATIC

VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN

7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

6 WHERE SHOWN, USING A PERMANENT MARKING METHOD IF APPLICABLE. MARK PART NUMBER AND REVISION

5 FLUSH WITH THE COIL EDGE, AS SHOWN
REMOVE INSULATION AND TIN LEADS APPROX. 0.75 INCH

4 WIND WIRE TO CORE EVENLY SPACED
CONSTRUCTION:

- WEIGHT = 1.6 GRAMS
- HI-POT TEST FOR WIRE TO CORE = 500 VDC
- INDUCTANCE @ RATED CURRENT = 190.0 uH
- DC CURRENT RATING = 0.5 AMPS MAX
- DGR = 495 MILLI-OHMS, MAX
- INDUCTANCE @ 0 AMPS = 240.0 uH, ± 25%, 1 KHZ., 0.25 Vrms
- SPECIFICATIONS @ 25 °C

2 WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE
CORE: COATED IRON POWDER

1 CORE COATING RATING CLASS B (130°) REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

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

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD		X		
SOLIDWORKS				
SIGN				
DATE				
DRAWN	RPR	6/27/06		
CHECKED	JLJU	6/27/06		
ENGR.	KSUM	6/27/06		
APPR.	JLJU	6/27/06		
SIZE	DWG. NO.			
B	TC-241M-0.5A-37V			
SCALE				
2=1				