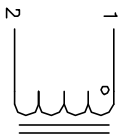


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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	RPR	6/20/06	JLJU	6/20/06



SCHEMATIC

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:

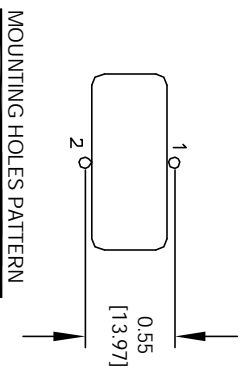
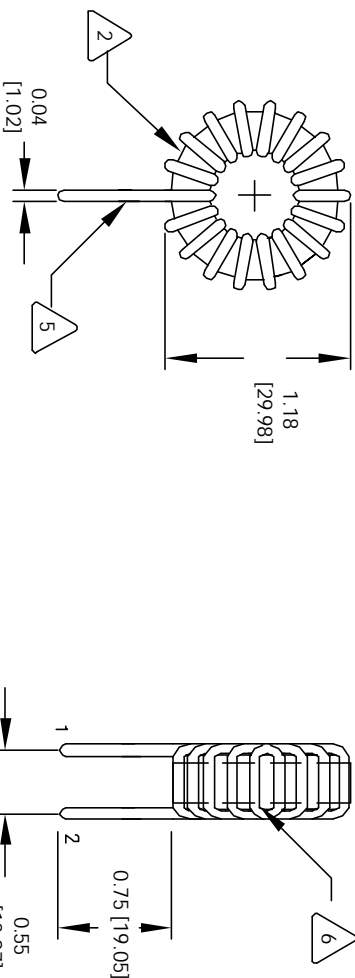
- WEIGHT = 42.0 GRAMS
- HI-POT TEST FOR WIRE TO CORE = 500 VDC
- INDUCTANCE @ RATED CURRENT = 250.0 uH
- DC CURRENT RATING = 2.0 AMPS MAX
- DCR = 70 MILLI-OHMS, MAX
- INDUCTANCE @ 0 AMPS = 300.0 uH, ± 20%, 1 KHZ., 0.25 Vrms
- SPECIFICATIONS @ 25 °C

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

VERTICAL CONFIGURATION



MOUNTING HOLES PATTERN

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE		
DRAWN	RPR	6/20/06		
CHECKED	JLJU	6/20/06		
ENGR.	KSUM	6/20/06		
APPR.	JLJU	6/20/06		
SIZE	DWG. NO.	TITLE		
B	TC-301M-2A-106V	Power Toroidal Inductors Vertical Mount		
SCALE	2=1		REV	B
			SHEET	1 OF 1

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	
TOLERANCE INCHES	±0.030
.XXX ±0.05 .XX ±0.015	
TOLERANCE METRCS	±0.762
.XXX ±1.27 .XX ±0.25	
ANGLE PROJECTION	
DO NOT SCALE DRAWINGS	