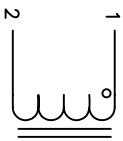


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SCHEMATIC

7 NON-ROHS COMPLIANCE AND LEADED

6 IF APPLICABLE, MARK PART NUMBER AND REVISION

POSITION LEADS AS REQUIRED

5 REMOVE INSULATION AND TIN

WIND WIRE TO CORE EVENLY SPACED

4 CONSTRUCTION:

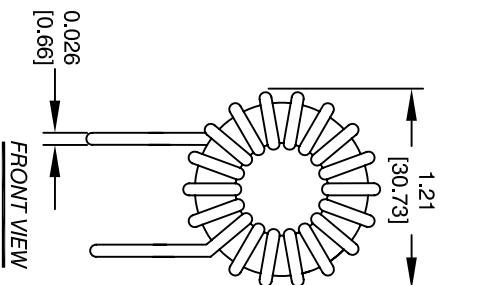
WEIGHT = 46.5 GRAMS  
HI-POT TEST FOR WIRE TO CORE = 500 VAC, 10 SEC  
INTERWINDING CAPACITANCE = 85 pF TYP. @ 10 KHZ  
DCR = 375 mΩ MAX  
SRF = 367 KHZ TYP.

MAX TEMP. RISE @ IDC 2 AMPS, LESS THAN 40°C WITH NO AIRFLOW  
INDUCTANCE @ IDC OF 2 AMPS = 1.1 mH ± 15%  
INDUCTANCE @ IDC OF 1 AMP = 1.5 mH ± 15%  
INDUCTANCE @ 0 AMP = 2.2 mH ± 15% (LESS THAN 10% RIPPLE)  
TEST FREQUENCY: 1 KHZ; TEST VOLTAGE: 250 mV  
RATED MAX. CURRENT = 2 AMPS RMS; FREQUENCY: 1 KHZ  
OPERATING TEMPERATURE RANGE: -40°C TO 125 °C  
3 SPECIFICATIONS @ 25 °C

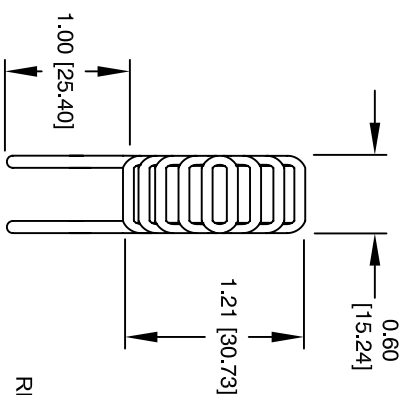
2 WIRE: UL RATED CLASS 155°C  
CORE: HIGH TEMP POWDERED CORE

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

NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.  
CAGE CODE = 5DME2

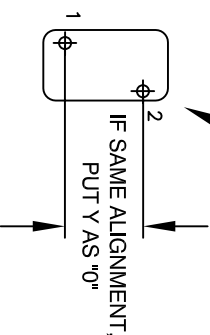


FRONT VIEW



SIDE VIEW

RECOMMENDED PIN-HOLE  
0.070[1.77]



MOUNTING HOLES PATTERN

REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
A		PRODUCTION RELEASE	BY	DATE	CHK DATE
			RCL	7/13/11	JLAU 7/13/11

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD	X			
SOLIDWORKS				
SIGN	DATE			
DRWN	RCL	7/13/11		
CHKD	JLAU	7/13/11		
ENGR	JLAU	7/13/11		
APPR	JLAU	7/13/11		
TITLE: Power Toroidal Inductors Vertical Mount				
SIZE [UNC. NO.] TC-222M-2A-106V-LL				
SCALE NOT TO SCALE				
REV A				

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