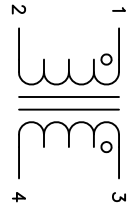


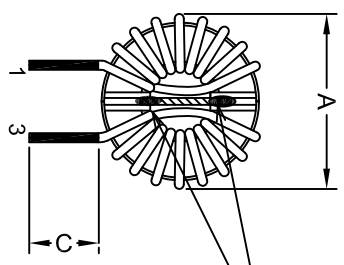
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DIMENSIONAL TOLERANCE INCHES [MM]					
A(OD) MAX	B (WIDTH) MAX	C(LEAD) MIN	D(LEAD DIA) MIN	P1 REF	P2 REF
1.28" [32.00]	0.72" [18.30]	0.50" [12.70]	0.04" [0.91]	0.70" [17.80]	0.50" [12.70]

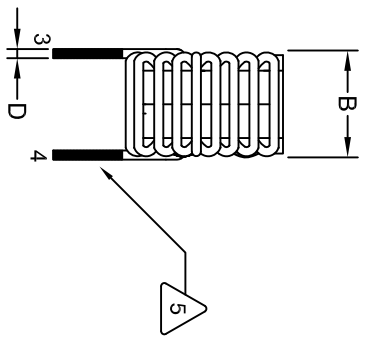
REVISION HISTORY			SHEET & DATE			
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B	N/A	ELEC. AND MECH. UPDATED	ON	03/15/11	JLU	3/15/11
C	160208	REVISE ELECTRICAL AND DIMENSIONS	AK	02/12/16	JM	02/16/16
C1	160208	REVISE DESCRIPTION	JL	07/07/17	JLU	07/07/17



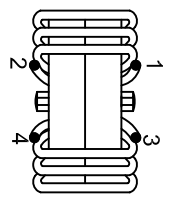
**SCHEMATIC**



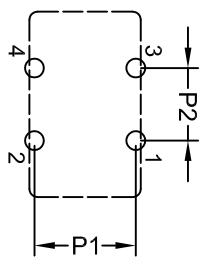
**FRONT VIEW**



**SIDE VIEW**



**BOTTOM VIEW**



**FOOTPRINT**

- 7 BUILT TO ROHS COMPLIANCE
- 6 MARK PART NUMBER AND REVISION IF APPLICABLE.
- WITH COIL EDGE:  
TRIM LEADS APPROX. 0.5 INCH AND FLUSH  
APPLY EPOXY TO SPACER WHERE SHOWN.  
REMOVE WIRE INSULATION AND TIN.
- 5 WIND COILS EVENLY SPACED
- 4 CONSTRUCTION:  
WEIGHT = 41 GRAMS  
MAX TEMP RISE = 40°C  
OPERATING RANGE: -25° TO 120°C  
INTER WINDING ISOLATION = 2000 VOLTS RMS, 3mA, 2 sec.  
INTERWINDING CAPACITANCE = 24.0 pF TYP @ SRF  
IMPEDANCE = 26.0 kΩ TYP @ SRF  
SRF = 131.0 KHz TYPICAL  
LEAKAGE INDUCTANCE = 45.0 uH TYP @ 10KHz, 1Vrms  
INDUCTANCE = 85.0 mH MIN @ 1 KHz, 1 Vrms, 0 Amps  
DCR ON EACH WINDING = 50.0 mΩ MAX  
MAX VOLTAGE ACROSS TERMINALS 1-2 OR 3-4 = 250 VAC OR VDC  
RATED CURRENT = 5.0 AMPS  
INSULATION RESISTANCE = 100 MEGA-OHMS MIN @ 500 VDC  
SPECIFICATIONS @ 25°C
- 3 WIRE: UL CLASS 200°C WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: NANO CRYSTALLINE OR AMORPHOUS CORE
- 2 CASE = UL CLASS B (130°) RATING
- 1 MATERIAL: UL RECOGNIZED

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

PARTS LIST		TITLE	
AUTOCAD	X	Nanocrystalline Inductor	
SOLIDWORKS		Common Mode Choke	
SIGN	DATE	CAGE# 5DME2	
FRM	12/16/10	Vertical Mount	
RLAU	12/16/10	CAGE# 5DME2	
AK	12/16/10	REV	
ENGR	12/16/10	C1	
JLU	03/15/11	HN-V-703U-5A	
SCALE		N/A	
SHEET		ΦF 1	