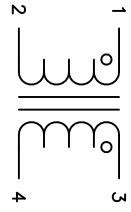


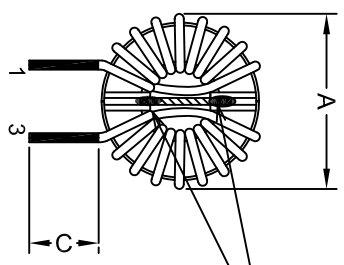
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DIMENSIONAL TOLERANCE INCHES [MM]					
A(OD) MAX	B (WIDTH) MAX	C(LEAD) MIN	D(LEAD DIA) MIN	P1 REF	P2 REF
1.28" [32.00]	0.75" [19.10]	0.50" [12.70]	0.04" [1.02]	0.70" [17.78]	0.50" [12.70]

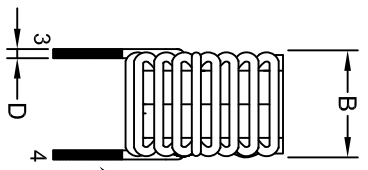
REVISION HISTORY			SHEET & DATE			
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B	N/A	ELEC. AND MECH. UPDATED	AK	3/17/11	JAU	3/17/11
C	160208	REVISE ELECTRICAL AND DIMENSIONS	AK	2/12/16	JM	2/12/16
C1	160208	REVISE DESCRIPTION	JL	07/07/17	JAU	07/07/17



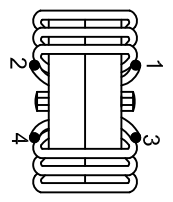
SCHEMATIC



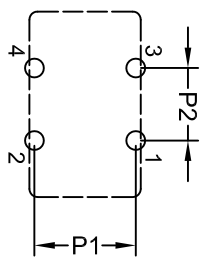
FRONT VIEW



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 = 4.5 GRAMS
- MAX TEMP RISE = 40°C
- OPERATING RANGE: -25° TO 120°C
- INTER WINDING ISOLATION = 2000 VOLTS RMS, 3mA, 2 sec.
- INTERWINDING CAPACITANCE = 20.0 pF TYP @ SRF
- IMPEDANCE = 23.0 kΩ TYP @ SRF
- SRF = 165.0 KHz TYPICAL
- LEAKAGE INDUCTANCE = 38.0 uH TYP @ 10KHz, 1Vrms
- INDUCTANCE = 62.0 mH MIN @ 1 KHz, 1 Vrms, 0 Amps
- DCR ON EACH WINDING = 34.0 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
- CMS BYTE-MARK OR OTHER APPROVED PART
- 2 CORE: NANO CRYSTALLINE OR AMORPHOUS CORE
- 1 CASE = UL CLASS B (130°) RATING
- 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	
FRM1	12/16/10	Vertical Mount	
FRM2	12/16/10	CAGE# 5DME2	
DRG	12/16/10	REV	
APP	03/17/11	C1	