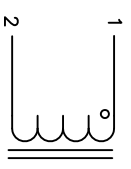


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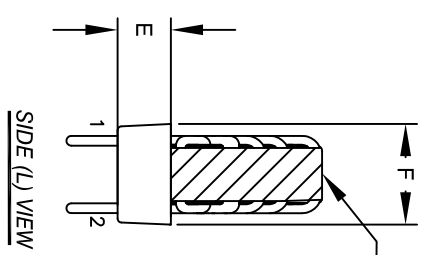
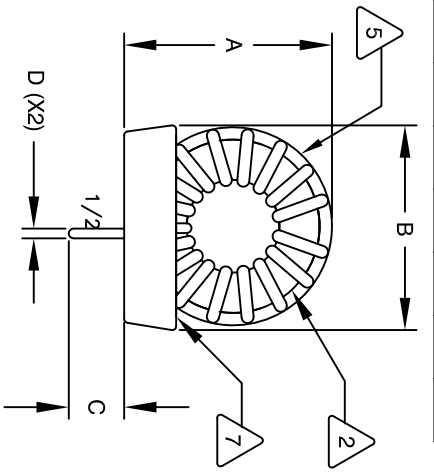
SCHEMATIC

- 1 BUILD TO ROHS COMPLIANCE AND LEAD FREE POLYSILOXANE POTTING COMPOUND. ENCAPSULATE WOUND INDUCTOR WITH
- 2 MARK PART NUMBER, REVISION AND DATE CODE
- 3 WRAP INDUCTOR WITH GLASS TAPE
- 4 CONSTRUCTION:

- WEIGHT = 45 GRAMS
- OPERATING TEMP RANGE = -25°C TO 120°C
- MAXIMUM TEMPERATURE RISE = 40°C WITH SOME AIRFLOW
- SRF = GREATER THAN 10MHZ
- LS @ DC BIAS: SEE TABLE ON THE RIGHT
- CURRENT RATING = 17 AMPS
- DCR = 4.25 MILLI-OHMS MAX
- INDUCTANCE = 27 uH±15% @ 1 KHz, 250mV
- SPECIFICATIONS @ 25°C
- 3 POLYSILOXANE POTTING COMPOUND UL # E306078
- WIRE: CLASS 200°C RATED
- CORE: POWDERED TOROIDAL CORE
- 2 RATING CLASS H (180°C MINIMUM) REQUIRED MATERIAL: UL RECOGNIZED FOR FLAMMABILITY
- 1

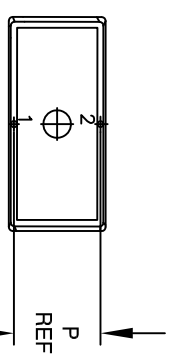
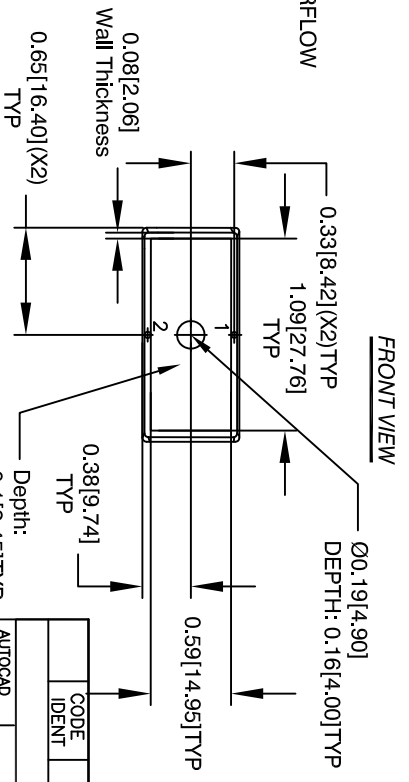
ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART.
 "TYP" IN DIM. TABLE REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

DIMENSIONAL TOLERANCES INCHES [MM]									
A	B	C	D	E	F	P			
TYP	TYP	MIN	REF	TYP	TYP	REF			
1.43 [36.30]	1.33 [33.87]	0.42 [10.70]	0.07 [1.78]	0.47 [12.00]	0.78 [19.88]	0.69 [17.50]			



DC BIAS TABLE

DC BIAS (AMP)	LS@1KHz (REF)
0	29 uH
2	27 uH
4	24 uH
6	24 uH
10	19 uH
13	16uH
17	14uH



UNLESS OTHERWISE SPECIFIED				DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]				TOLERANCE INCHES: .XXX±.005 .XX±.015 .X±.030 .XX±.127 .X±.158				ANGLE PROJECTION																							
DO NOT SCALE DRAWING																																			
AUTOCAD	SOLIDWORKS	SIGN	DATE	DRWN	CHKD	ENGR	APPR	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE																				
X			04/20/21	JM	JL	JL	JL	04/20/21	04/20/21	04/20/21	04/20/21	04/20/21	04/20/21	04/20/21	04/20/21																				
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