

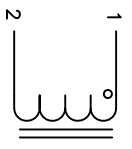
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DIMENSIONAL TOLERANCES INCHES [MM]

| A | B | C | D | E | F | G |
|-----------------|-----------------|------------------|-----------------|----------------|-----------------|-----------------|
| MAX | MAX | MIN | MAX | REF | MAX | MAX |
| 1.18 [30.00] | 1.81 [46.00] | 4.00 [101.60] | 1.23 [32.00] | 0.25 [6.35] | 1.04 [26.50] | 0.55 [14.00] |

REVISION HISTORY

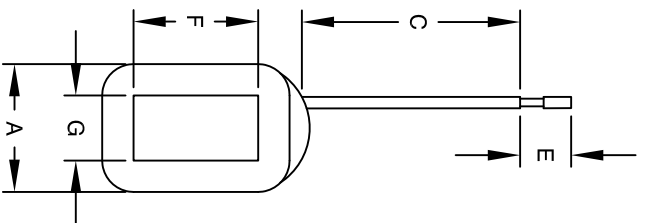
| REV | ECN | DESCRIPTION | SIGN & DATE | | | |
|-----|-----|--------------------|-------------|----------|-----|----------|
| | | | BY | DATE | CHK | DATE |
| A | | PRODUCTION RELEASE | JL | 07/27/17 | JL | 07/27/17 |



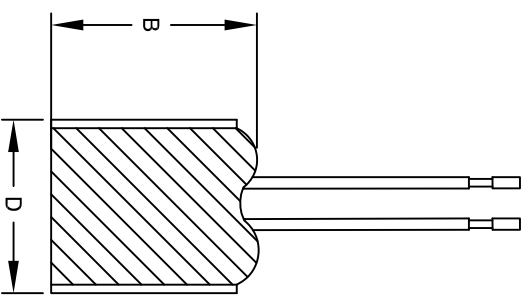
SCHEMATIC

- 10 BUILT TO ROHS COMPLIANCE.
- 9 VARNISH (REMOVE FROM TOP, BOTTOM, AND INSIDE OF BOBBIN)
- 8 LEAD LENGTH 4", STRIP END 0.25", #18 GA. WHITE TEFLON
- 7 USE SINGLE ENAMEL MAGNET COIL WIRE
- 6 BREAK AND DEBURR EDGES
- 5 IF APPLICABLE, LABEL PART NUMBER AND REVISION
- POSITION LEADS AS REQUIRED
- REMOVE WIRE INSULATION AND TIN
- WIND COILS EVENLY SPACED
- CONSTRUCTION:
- 4 FREQUENCY = 50HZ
- VOLTAGE = 115 AC
- DCR = 20Ω ±10% MAX
- SRF = 81.5 KHZ
- MAX TEMP. RISE @ IDC 0.5 AMP, LESS THAN 25°C WITH NO AIRFLOW
- INDUCTANCE = 17mH TYP.
- TEST FREQUENCY: 1.0 KHZ ; TEST VOLTAGE: 250mV
- RATED MAX. CURRENT = 0.5 AMPS RMS
- OPERATING TEMPERATURE RANGE : -40° TO 180°C
- SPECIFICATIONS @ 25°C
- 3 WIRE: UL RATED CLASS 180°C
- 2 CORE: AIR
- 1 RATING: UL-CLASS H (180°C) REQUIRED
- MATERIAL: UL RECOGNIZED FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO UP.



FRONT VIEW



SIDE VIEW

| | |
|---|------------|
| UNLESS OTHERWISE SPECIFIED | |
| DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]. | |
| TOLERANCE INCHES: | ∅ = ±0.30" |
| .XXX = ±.005 XX = ±.015 | ∅ = ±0.30" |
| TOLERANCE METRICS: | |
| .XXX = ±.127 XX = ±.38 | |
| ANGLE PROJECTION | |
| DO NOT SCALE DRAWING | |

| CODE IDENT | MFG. P/N | DESCRIPTION | ITEM NO. |
|--------------------|----------|-----------------|----------|
| PARTS LIST | | | |
| AUTOCAD SOLIDWORKS | X | | |
| DRWN | JL | 07/27/17 | |
| CHKD | JL | 07/27/17 | |
| ENGR | AM | 07/27/17 | |
| APPR | JL | 07/27/17 | |
| TITLE: | | SOLENOID COIL | |
| SIZE | | 17 mH, 0.5 Amps | |
| SCALE | | N/A | |
| REV | | A | |
| SHEET | | 1 OF 1 | |

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