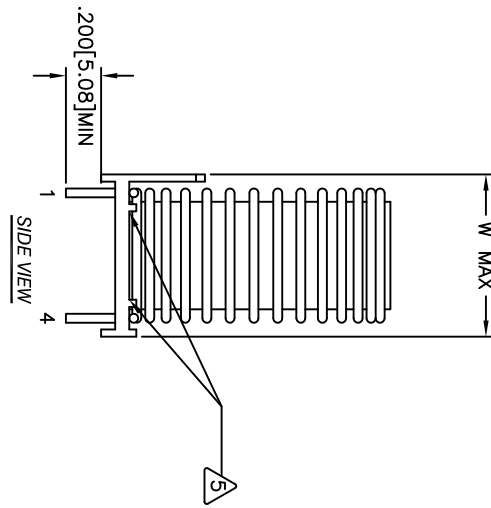
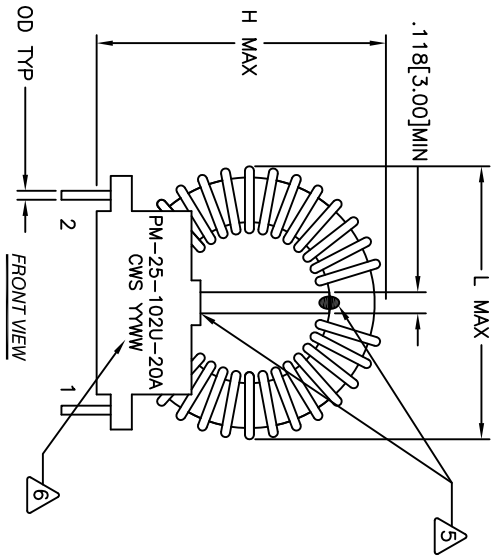
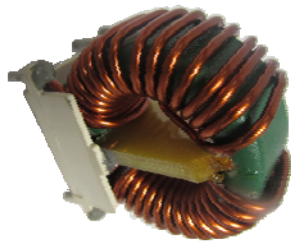


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| MECHANICAL DIMENSION |         |         |         |         |         |  |
|----------------------|---------|---------|---------|---------|---------|--|
| H                    | L       | W       | LEAD OD | X       | Y       |  |
| MAX                  | MAX     | MAX     | TYP     | REF     | REF     |  |
| 1.80                 | 1.80    | 1.00    | 0.06    | 1.20    | 0.71    |  |
| [45.72]              | [45.72] | [25.40] | [1.52]  | [30.48] | [18.03] |  |

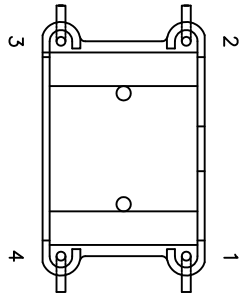
| REVISION HISTORY |     |                                  |     | SIGN & DATE |      |         |  |
|------------------|-----|----------------------------------|-----|-------------|------|---------|--|
| REV              | ECN | DESCRIPTION                      | BY  | DATE        | CHEK | DATE    |  |
| A                |     | PRODUCTION RELEASE               | KJC | 2/12/18     | KC   | 2/12/18 |  |
| A1               |     | UPDATE ELEC. SPEC. & DESCRIPTION | TN  | 2/16/18     | AL   | 2/16/18 |  |



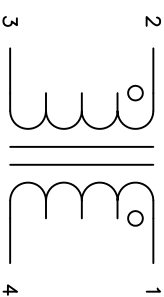
- 7 BUILT TO ROHS COMPLIANCE AND LEAD FREE
- 6 MARK PART NUMBER, REVISION AND DATE CODE
- 5 ADD EPOXY WHERE SHOWN
- OR INSERT THRU BASE  
SOLDER LEADS ONTO THE BASE PIN PER DWG  
REMOVE WIRE INSULATION  
WIND COILS EVENLY SPACED  
CONSTRUCTION:

WEIGHT: ~ 57 GRAMS  
OPERATING TEMP. RANGE: -40°C TO 125°C  
HI-POT WINDING-TO-WINDING 1250 VAC, 10 SEC  
INTERWINDING CAPACITANCE 10pF TYPICAL  
LEAKAGE INDUCTANCE 8uH TYPICAL  
|Z| = 1.8kΩ TYP @ SRF  
SRF = 1.35MHz TYPICAL  
RATED CURRENT = 20 AMPS RMS MAX  
DCR = 8.0 MILLI-OHMS MAX PER WINDING  
INDUCTANCE = 1.0mH MIN. @ 10kHz, 250mV

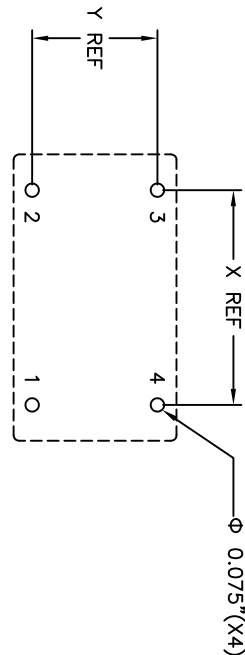
- 3 SPECIFICATIONS @ 25°C:
  - 2 WIRE: UL RECOGNIZED 155°C RATED MAGNET WIRE  
FR4 SPACER: 3.00 MM MINIMUM THICKNESS  
HEADER: UL CERTIFIED TOROID BASE  
CORE: HIGH PERM MANGANESE ZINC
  - 1 RATING: UL-CLASS B (130°) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FLAMMABILITY FOR BOBBIN
- NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.  
CAGE CODE: 5DME2



BOTTOM VIEW



SCHEMATIC



MOUNTING HOLES PATTERN

| CODE                    | IDENT   | MFG. P/N | DESCRIPTION | ITEM NO. |
|-------------------------|---------|----------|-------------|----------|
| PARTS LIST              |         |          |             |          |
| AUTODRAW                | X       |          |             |          |
| SIGNATURES              | DATE    |          |             |          |
| DRWN TN                 | 2/12/18 |          |             |          |
| CHKD JL                 | 2/12/18 |          |             |          |
| ENGR JM                 | 2/12/18 |          |             |          |
| APPR JL                 | 2/12/18 |          |             |          |
| Common Mode Line Filter |         |          |             |          |
| 1.0 mH MIN., 20 Amp     |         |          |             |          |
| PM-25-102U-20A          |         |          |             | REV A1   |