



UNLESS OTHERWISE SPECIFIED
 TOLERANCES : XX.X0 ±0.25mm
 0.XX ±0.05mm

ELECTRICAL SPECIFICATIONS@25°C :

1. TURNS RATIO TX/RX : 1CT : 1CT
2. PRI OCL (100KHz/0.1V WITH 8mA DC BIAS) : 350uH MIN.
3. CROSS TALK : 30MHz = -45dB MIN.
 60MHz = -40dB MIN.
 80MHz = -35dB MIN.
4. INSERTION LOSS : 1-100MHz = -1.0dB MAX.
5. RETURN LOSS (@100 OHM) : 1-30MHz = -18dB MIN.
 40MHz = -14.4dB MIN.
 50MHz = -13.1dB MIN.
 60-80MHz = -12dB MIN.
 100MHz = -10dB MIN.
6. CMRR : 30MHz = -43dB MIN.
 60MHz = -37dB MIN.
 100MHz = -33dB MIN.
7. HI-POT : 1500Vrms
8. RoHS COMPLIANT

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|-----------|-------------|------------|---------|-------|-------|------------|---------------------------------------|--------------|
| | | | | | | | TITLE: 10/100/1000 BASE-T TRANSFORMER | |
| | | | | | | | DWG. NO. ATPL-450R | |
| RELEASE | | 10/19/2012 | SHIRLEY | BETTY | BETTY | UNITS: M/M | SAFETY | SHEET 1 of 1 |
| NO: | DESCRIPTION | DATE | BY | CHK | APPD | DATE | P/N: | DRAW |
| REVISIONS | | | | | | 10/19/12 | | Shirley |