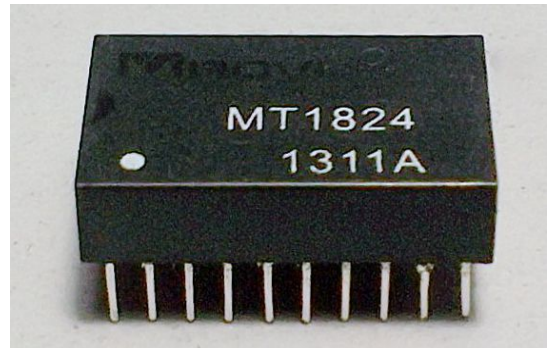


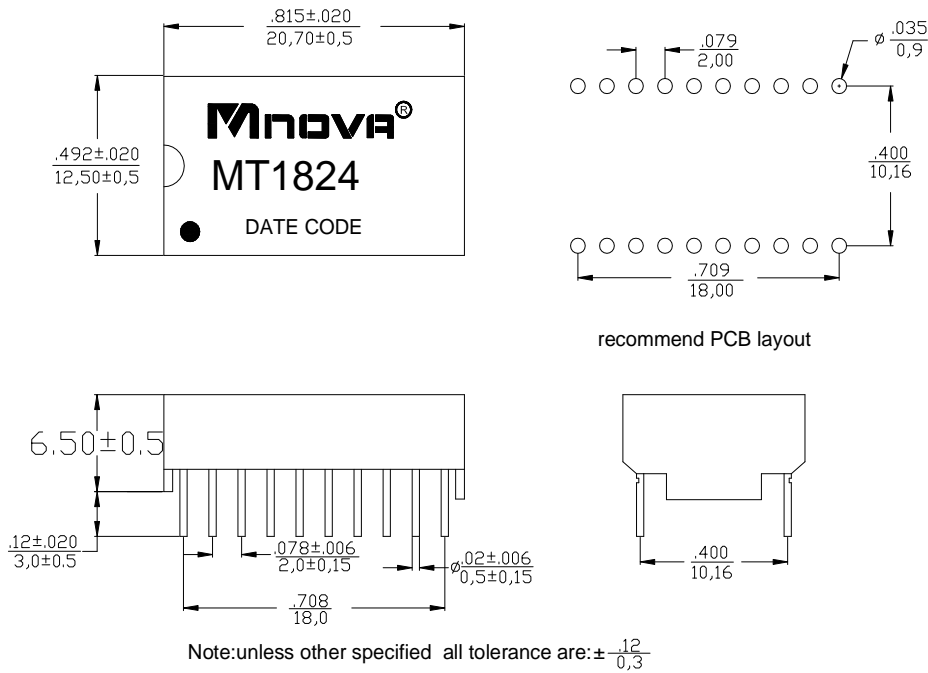
- 10/100/1000BASE TRANSFORMER
- ROHS Compliance Product
- Meets IEEE 802.3 specification
- Operating Temperature range: 0°C TO +70°C



Electrical Specifications @ 25°C

| P/N | T/R @ 100KHz 0.1V | DCR | OCL @ 100KHz 0.1V 8mA DC | | LL @ 100KHz 0.1V | | Hi-Pot |
|--------|-------------------|--------------------|--------------------------|-----------|------------------|-------------|-----------------|
| MT1824 | TX&RX | all connected pins | TX&RX | | TX&RX | | PRI TO SEC |
| | 1CT : 1CT±5% | 1.2Ω MAX | 350μH MIN | | 0.5μH MAX | | 1500V AC 1mA 6S |
| | IL | RL | | CT | | CMRR | |
| | 0.1~100MHz | 30MHz | 60-80MHz | 100MHz | 1-60MHz | 100MHz | 1-100MHz |
| | -1.15dB MAX | -20dB MIN | -14dB MIN | -12dB MIN | -40dB MIN | -35dB MIN | -30dB MIN |

DIMENSIONS (unit: inch/mm):



SCHEMATICS:

