

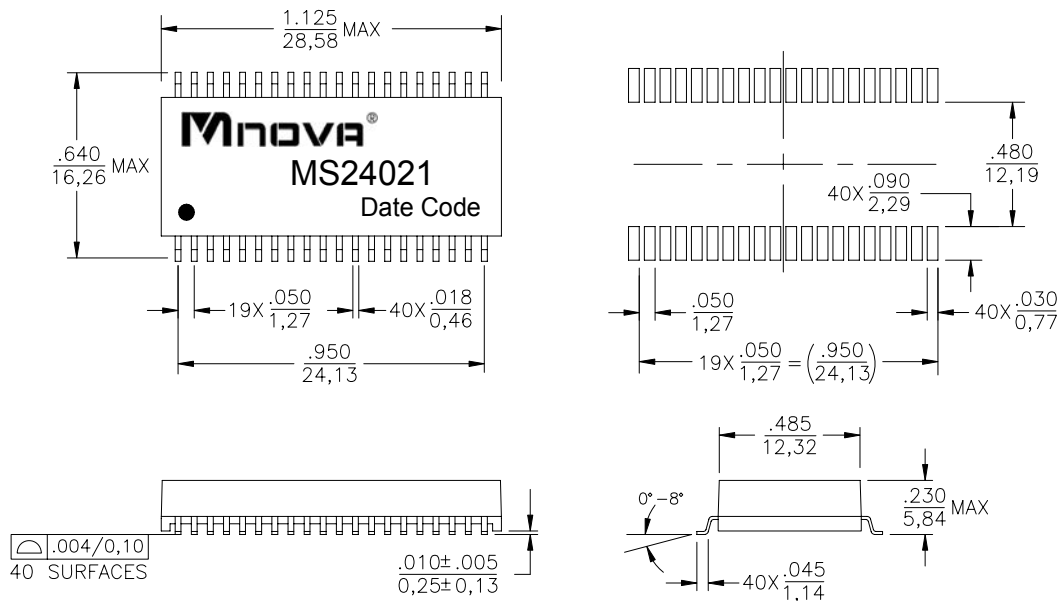
- 10/100BASE TRANSFORMER
- ROHS Compliance Product
- Meets IEEE 802.3 specification
- Operating Temperature range: 0°C TO +70°C



### Electrical Specifications @ 25°C

| P/N     | T/R @ 60KHz<br>1V | DCR                | OCL @ 100KHz 0.1V 8mA DC |           |           | LL @ 100KHz 0.1V |           | Hi-Pot          |
|---------|-------------------|--------------------|--------------------------|-----------|-----------|------------------|-----------|-----------------|
| MS24021 | 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              | 60MHz                    | 80MHz     | 1-60MHz   | 60-100MHz        | 1-100MHz  |                 |
|         | -1.15dB MAX       | -20dB MIN          | -14dB MIN                | -12dB MIN | -40dB MIN | -35dB MIN        | -30dB MIN |                 |

### DIMENSIONS (unit: inch/mm):



### SCHEMATICS:

