

1.GENERAL SPECIFICATION:

PART NUMBER: MS1374

SPECIFICATION: SINGE PORT 2.5G TRANSFORMER

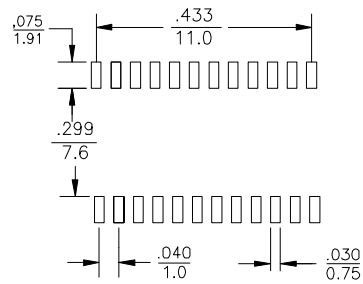
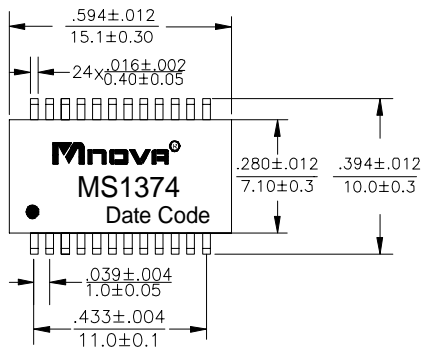
STORAGE TEMP RANGE: -20°C TO +125°C

OPERATING TEMP RANGE: 0°C TO +70°C

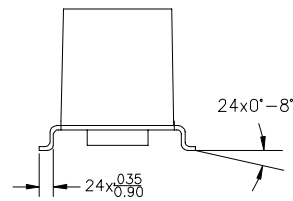
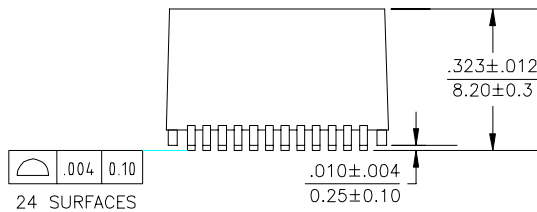
PACKAGE: 24PIN SMD

IR TEMP: 260°C MAX

2.DIMENSIONS (unit:inch/mm):

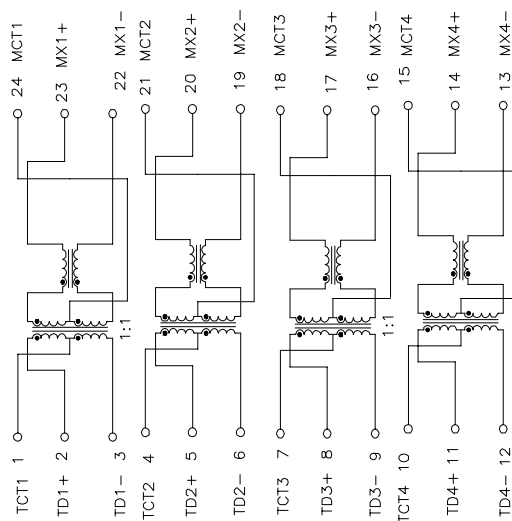


recommend PAD layout



note:Unless otherwise noted, all tolerances are: $\pm \frac{.012}{0.3}$

3. SCHEMATIC:



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日期 DATE: 2019-1-29	日期 DATE: 2019-1-29	日期 DATE: 2019-1-29

4.ELECTRICAL SPECIFICATIONS @25°C:

4.1 HI-POT: PRI TO SEC =1500V AC 1mA 6S

4.2 T/R:100KHz 0.1V

1CT: 1CT±5%

4.3 OCL:

150μH MIN 100KHZ 100mV 10.2mA DC BIAS.

4.4 DCR:1.2Ω MAX 25°C

4.5 LL:0.5μH MAX 100KHZ 100mV

4.6 IL: -1.0dB MAX @ 1-100MHZ

-2.0dB MAX @ 100-200MHZ

4.7 RL: -18dB MIN@1-30MHZ

-11dB MIN@125MHZ

-10dB MIN@150MHZ

-9dB MIN@200MHZ

4.8 CMRR: -30dB MIN@30~201MHZ

4.9 CT: -30dB MIN@1~126MHZ

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