

0/100 BASE-T PCMCIA TRANSFORMER

P/N: 14ST0002P DATA SHEET

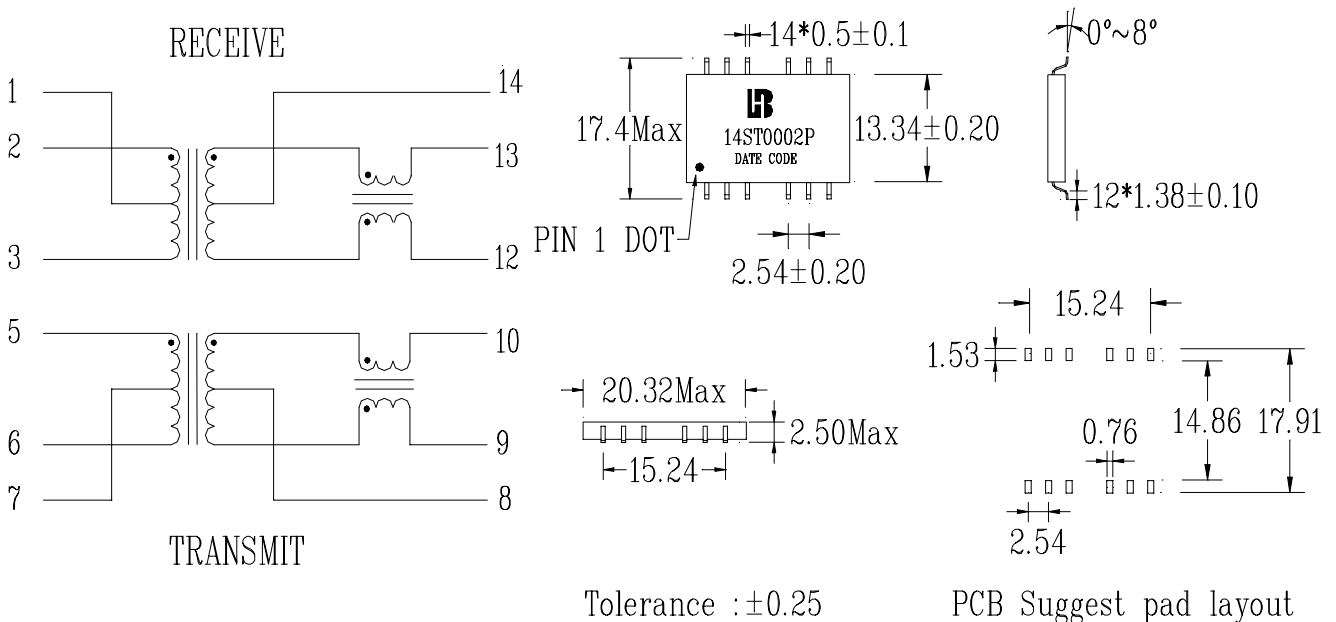
A. GENERAL SPECIFICATION:

1. DESIGN FOR 10/100 MB/s TRANSMISSION OVER UTP-5 CABLE.
2. TESTED & QUALIFIED FOR USE WITH QUALITY SEMICONDUCTOR INC'S QS6611 & QS6612 TRANSCEIVERS ETHERNET 10/100 CHIP.
3. 14-PIN VERY LOW PROFILE PCMCIA SMD PACKAGE.
4. OPERATING TEMP RANGE: 0°C TO +70°C
5. STORAGE TEMP RANGE: -25°C TO +125°C

B. ELECTRICAL SPECIFICATION:

1. INSERTION LOSS (1MHz TO 100MHz): -1.3 dB MAX
2. TURN RATIO (+/- 5%): RX=1CT: 1CT, TX=1.25CT: 1CT
3. RETURN LOSS (dB MIN): 30MHz 60MHz 80MHz
-16 -12 -10
4. CROSS TALK (dB MIN): 30MHz 60MHz 100MHz
-40 -35 -35
5. HI-POT INSULATION: 1500 Vrms MIN

C. MECHINCAL DRAWING & SCHEMATIC: Unit (m/m)



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