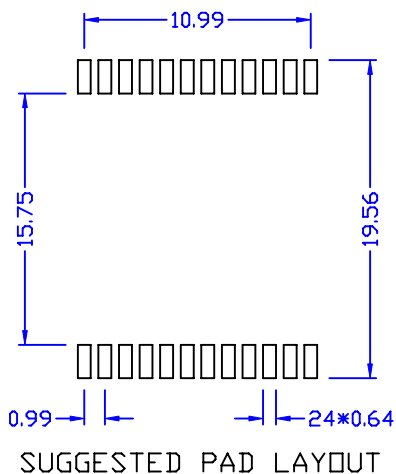
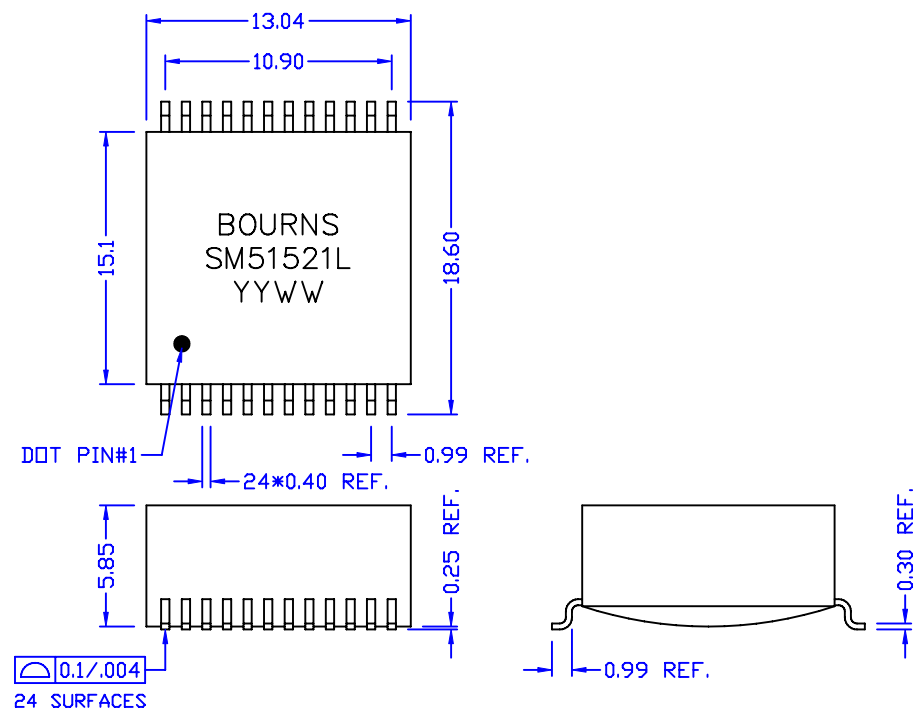
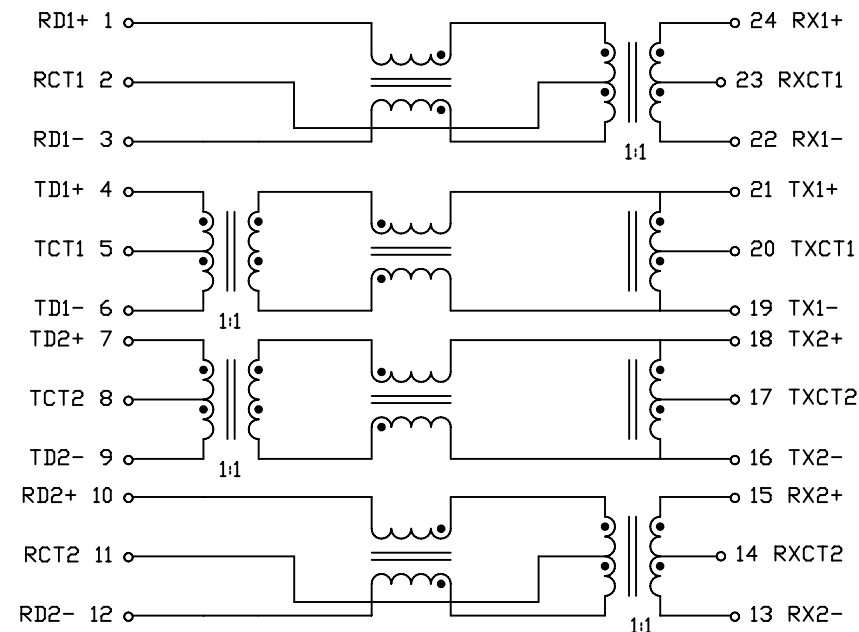




PACKING REEL 400PCS, ONE CARTON 800PCS.  
UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.25$



## ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO TX/RX : 1CT:1CT
2. DC RESISTANCE BALANCE  $\leq 3.5\%$
3. HI-POT : 1500Vrms
4. CROSS TALK : 30MHZ = -43 dB MIN.  
60MHZ = -37 dB MIN.  
100MHZ = -33 dB MIN.
5. INSERTION LOSS : 1-100MHZ = -1.2 dB MAX.
7. RETURN LOSS (@100 OHM) : 1-30MHZ = -16 dB MIN.  
40MHZ = -14 dB MIN.  
50MHZ = -13 dB MIN.  
60-80MHZ = -12 dB MIN.
8. CMRR : 30MHZ = -50 dB MIN.  
60MHZ = -43 dB MIN.  
100MHZ = -35 dB MIN.
9. RoHS COMPLIANCE
10. 350mA CURRENT CAPABILITY

|           |             |            |      |        |        |                                      |        |                                     |                     |
|-----------|-------------|------------|------|--------|--------|--------------------------------------|--------|-------------------------------------|---------------------|
|           |             |            |      |        |        | <b>Bourns Inductive<br/>Solution</b> |        | TITLE 10/100 BASE-TX<br>TRANSFORMER |                     |
|           |             |            |      |        |        |                                      |        | DWG. NO.<br>SM51521EL               |                     |
|           |             |            |      |        |        |                                      |        |                                     |                     |
|           | RELEASE     | 02/06/2006 | PAIR | EUGENE | EUGENE | UNITS:<br>M/M                        | SAFETY |                                     | SHEET 1 OF 1        |
| NO.       | DESCRIPTION | DATE       | BY   | CHK    | APPD   | DATE                                 | P/N:   |                                     | DRAW<br><i>Pair</i> |
| REVISIONS |             |            |      |        |        | 02/06/06                             |        |                                     |                     |