

# 10/100BASE-TX QUAD PORT TRANSFORMER

■ Meets all IEE 802.3u and ANSI X3.263 standards including 350  $\mu$ H OCL with 8 mA bias

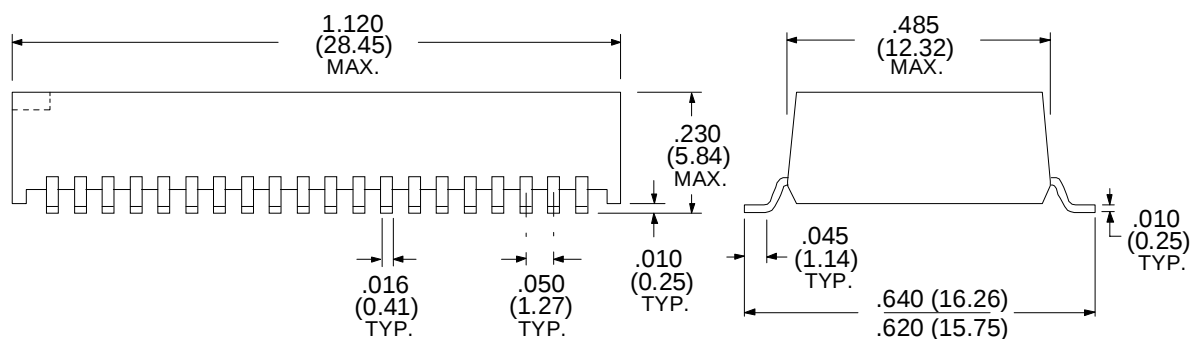
■ Model designed to support four single or double stacked RJ-45 connectors

## Electrical Specifications at 25° C

| Part Number | Insertion Loss (dB TYP.) | Return Loss (dB MIN ) |       |       |          | Crosstalk (dB TYP) |       |       |        | Common to common Rejection Ratio 0.1-60MHz(dB typ.) |         | Differential to Common Mode Rejection (dB typ.) |           |
|-------------|--------------------------|-----------------------|-------|-------|----------|--------------------|-------|-------|--------|-----------------------------------------------------|---------|-------------------------------------------------|-----------|
|             | .1-100MHz                | 2-30MHz               | 40MHz | 50MHz | 60-80MHz | 1MHz               | 30MHz | 60MHz | 100MHz | Transmit                                            | Receive | 1-60MHz                                         | 60-200MHz |
| T-17100     | -0.5                     | -21                   | -17   | -14.5 | -12      | -65                | -55   | -45   | -35    | -30                                                 | -30     | -40                                             | -30       |
| T-17101     | -0.5                     | -21                   | -17   | -14.5 | -12      | -65                | -55   | -45   | -35    | -30                                                 | -30     | -40                                             | -30       |
| T-17102     | -0.5                     | -21                   | -17   | -14.5 | -12      | -65                | -50   | -40   | -30    | -30                                                 | -30     | -40                                             | -30       |
| T-17103     | -0.5                     | -21                   | -17   | -14.5 | -12      | -65                | -50   | -40   | -30    | -30                                                 | -30     | -40                                             | -30       |
| T-17104     | -0.5                     | -21                   | -17   | -14.5 | -12      | -65                | -55   | -45   | -35    | -30                                                 | -30     | -40                                             | -30       |
| T-17105     | -0.5                     | -21                   | -17   | -14.5 | -12      | -65                | -50   | -40   | -30    | -30                                                 | -30     | -40                                             | -30       |

Dimensions in inches (mm)

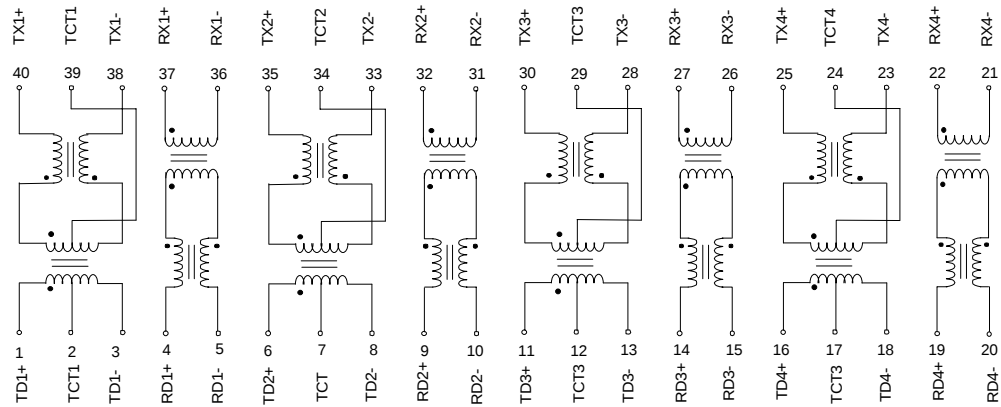
Tape and Reel available.



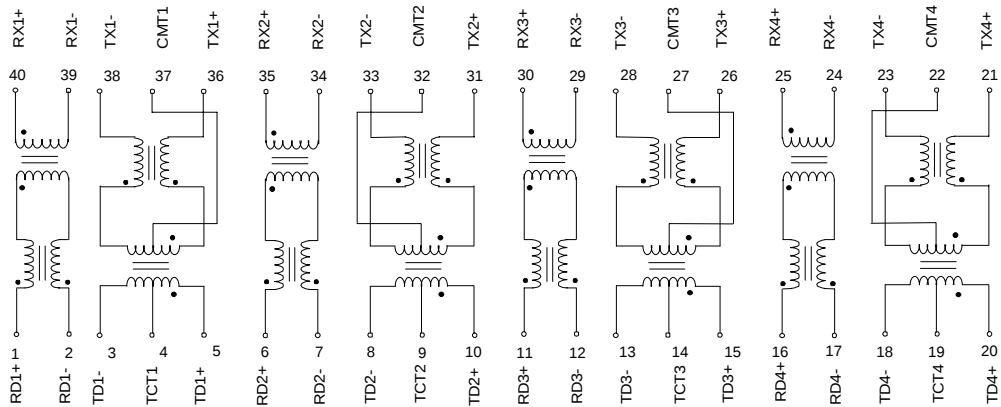
100-qp40

## SCHEMATICS

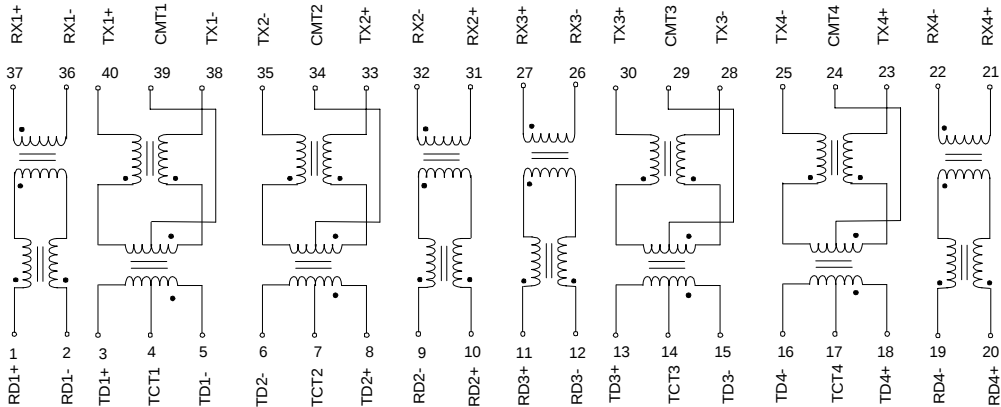
### T-17100



### T-17101

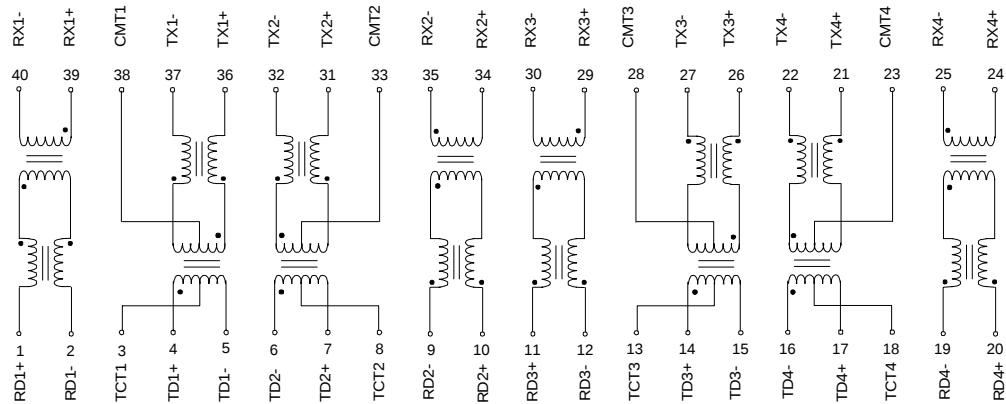


### T-17102

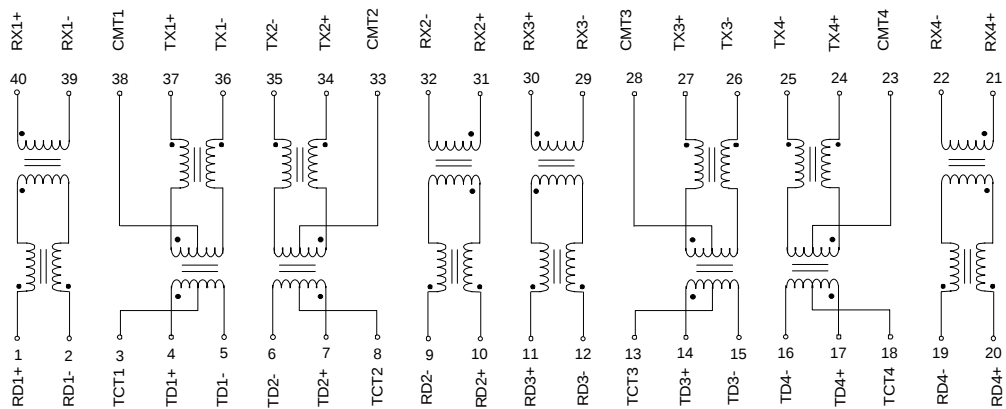


## SCHEMATICS

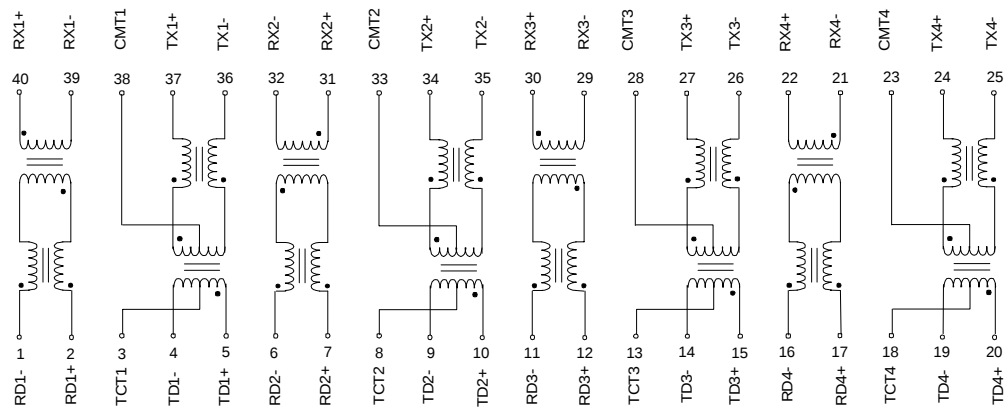
### T-17103



### T-17104



### T-17105



100-qp40