

T1/E1/CEPT/ISDN-PRI TRANSFORMER

Quad Port T1/E1 With 8 Transformer, 1500Vrms



1) Eight transformer in a surface mount package supports 4 transmit and 4 receive channels .

2) Crosstalk : -65dB or better .

3) Model matched to leading quad and dual T1/E1/CEPT/ISDN-PRI transceivers .



Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

Part Number : S40-1142

1) Turn Ratio : 1:2.4 +/-2%(TX), 1:1+/-2%(RX)

2) Open Circuit Inductance : 1.0mH min (TX & RX)

3) Leakage inductance (LL): 0.5uH max.(TX & RX)

4) Coupling Capacitance(Cw/w): 35pF max.(TX & RX)

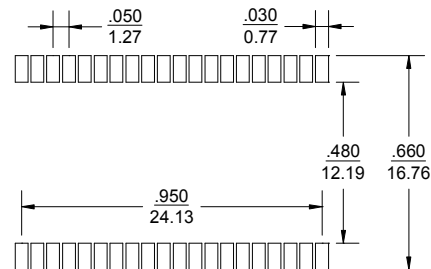
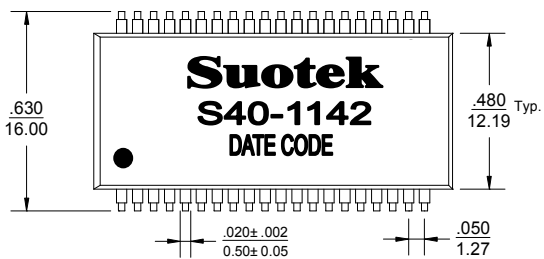
5) Isolation voltage : 1500Vrms

6) Primary Pins :

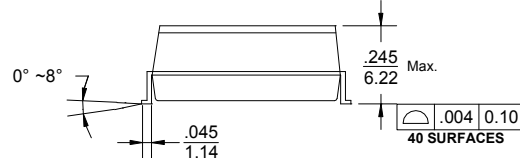
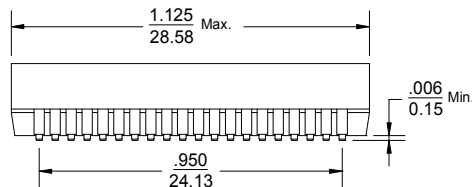
TX : (1-2) (8-9) (11-12) (18-19)

RX : (24-25)(27-28)(34-35)(37-38)

Mechanical Dimensions (Unit: inches / mm)

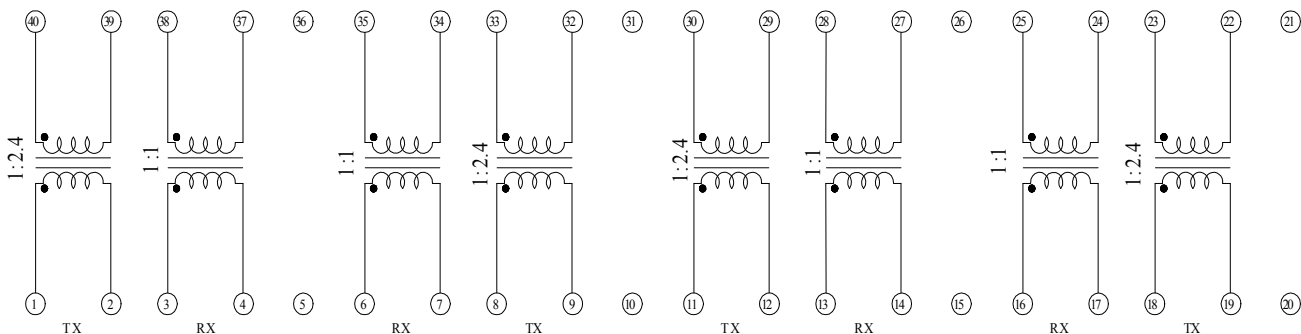


SUGGESTED PAD LAYOUT



Unless otherwise specified , all tolerances are +/- .010 / 0.25

Schematics



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