

T1/E1/CEPT/ISDN-PRI TRANSFORMER

Quad Port T1/E1 With 8 Transformer, 1500Vrms



1) Eight transformer in a surface mountpackage supports 4 transmit and 4 receive channes .

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



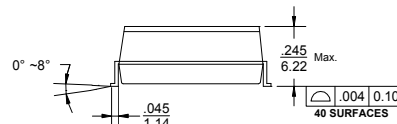
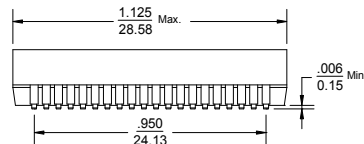
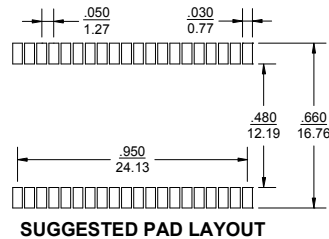
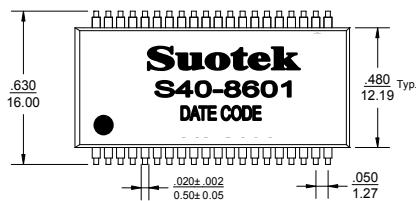
Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

Part Number : S40-8601

Electrical Specifications :

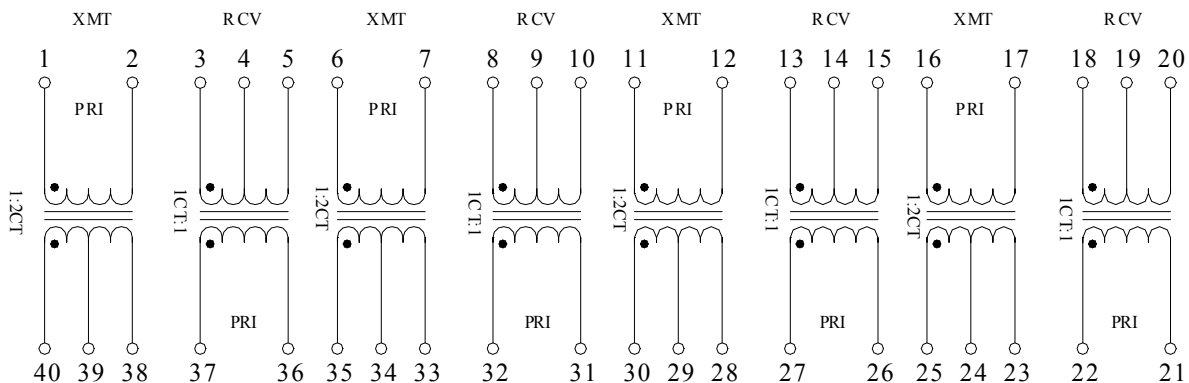
1) TURNS RATIO : XMT (PRI : SEC) = 1 : 2CT +/-3% RCV (PRI : SEC) = 1 : 1CT +/-3%	6) D.C Resistance : PRI : 0.6 ohm max. SEC1 (1CT : 1) : 0.6 ohm max. SEC2 (1 : 2CT) : 1.2 ohm max.
2) INDUCTANCE (PRI) : 1.25mH min.@ 100KHz,0.01V	7) Return Loss : (Winding with T/R 2.0 is 100 ohm Ref.) 51KHz~102KHz : 12 dB Min 102KHz~2.048MHz : 18 dB Min 2.048MHz~3.072MHz : 14 dB Min (25 ohm connected to the low turns side of 2.0 Ratio XFMRs)
3) LEAKAGE INDUCTANCE : PRI (SEC short) : 0.5uH max.@1MHz	
4) INTERWINDING CAPACITANCE : PRI TO SEC : 35pF max. @1MHz	
5) DIELECIRIC VOLTAGE WITHSTAND : PRI TO SEC : 1500VAC FOR 60 SECOND	

Mechanical Dimensions (Unit: inches / mm)



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

Schematics



SUOTEK ELECTRONICS COMPANY LIMITED

Tel: 86-769-86318023 Fax : 86-769-86318022 Website: www.suotek.com E-mail: sales@suotek.com

Telecom006