

T1/E1/CEPT/ISDN-PRI TRANSFORMER

Quad Port T1/E1 With 8 Transformer, 1500Vrms



- 1) Model matched to leading quad and dual T1/E1/CEPT/ISDN-PRI transceivers .
- 2) Crosstalk : -65 dB or better
- 3) UL1950 recognized (some parts pending approval)
- 4) Many parts BABT approved to EN60950



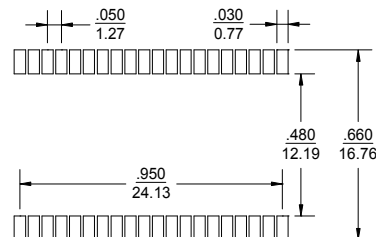
Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .

Part Number : S40-4088

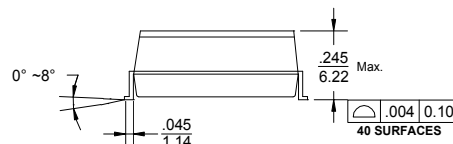
Electrical Specifications :

- | | |
|---|---|
| 1) TURNS RATIO : | 4) INTERWINDING CAPACITANCE : |
| TRANSMIT (Pri : Sec) : 1 : 2.42 +/-3% | TRANSMIT : 35pF max. |
| RECEIVE (Pri : Sec) : 1 : 2.42 +/-3% | RECEIVE : 35pF max. |
| 2) INDUCTANCE (TRANSMIT) : 1.25 mH min.@100KHz,0.01V | 5) DIELECIRIC VOLTAGE : |
| INDUCTANCE (RECEIVE) : 1.25 mH min.@100KHz,0.01V | Pri TO Sec : 1500VAC Min. |
| 3) LEAKAGE INDUCTANCE (TRANSMIT) : 0.5 uH Max.@1MHz | 6) Return Loss : -18dB Min.@ 100KHz~2MHz |
| LEAKAGE INDUCTANCE (RECEIVE) : 0.5 uH Max.@1MHz | -14dB Min.@ 2MHz~3MHz |

Mechanical Dimensions (Unit: inches / mm)

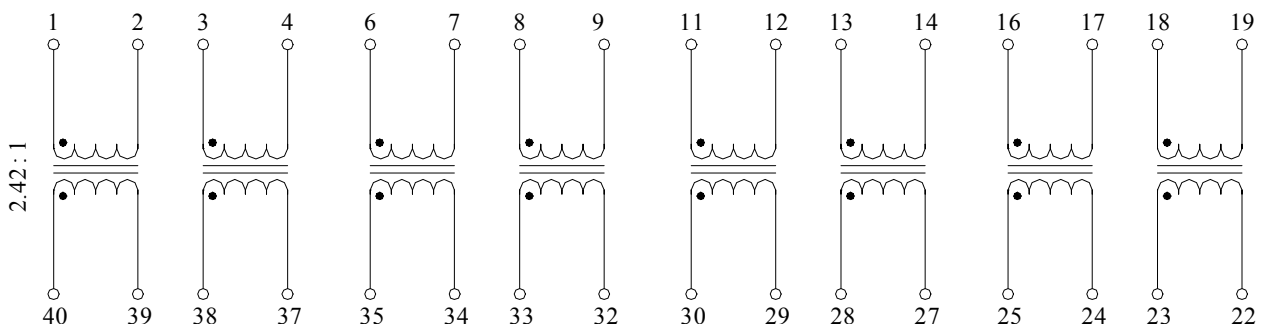


SUGGESTED PAD LAYOUT



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

Schematics



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