

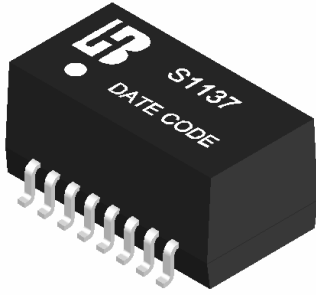


S1137

T1/CEPT/ISDN-PRI TRANSFORMER

P/N:S1137 DATA SHEET

Feature



- Matched to PMC-Sierra' s PM4351 COMET transceiver.
- Small surface mount package.
- Contains both transmit and receive transformers.
- Operation temperature range: 0°C to +70°C.
- Storage temperature range: -25 to +125 .

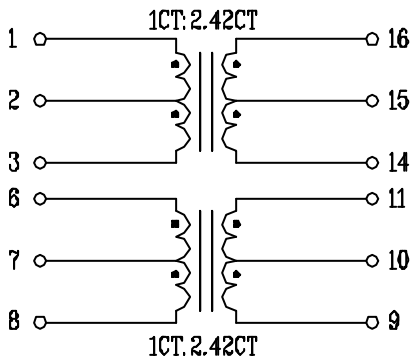
Electrical Specifications @ 25°C

| Part Number | Turns Ratio (±5%) | | OCL (mH Min) | Cw/w (pF Max) | L.L (uH Max) |
|-------------|-------------------|--------------|--------------|---------------|--------------|
| | (1-3):(16-14) | (6-8):(11-9) | | | |
| S1137 | 1CT: 2.42CT | 1CT: 2.42CT | 1.20 | 25 | 0.60 |

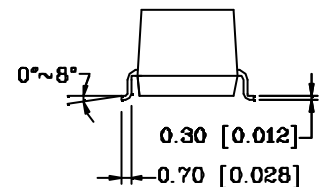
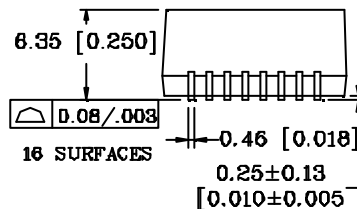
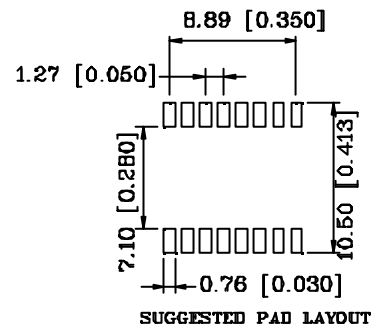
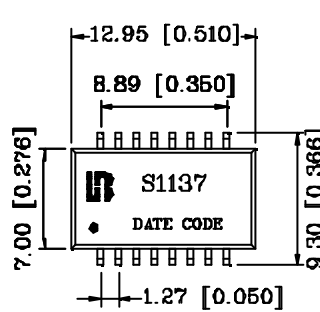
Continue

| Part Number | DCR (Max) | | Primary Pins | HI-POT (Vrms) |
|-------------|--------------|-----------------|--------------|---------------|
| | (1-3)& (6-8) | (16-14)& (11-9) | | |
| S1137 | 0.70 | 1.20 | (1-3)&(6-8) | 1500 |

Schematic



Mechanical



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]
0.xx±0.05[0.002]