

# New! T1 / CEPT / ISDN-PRI SMD 40 Pin Quad Modules 4 Transformers Per Part

For T1/CEPT/PRI Telecom Applications  
Designed to meet CCITT and FCC  
Requirements  
1500 VRMS Minimum Isolation

Electrical Specifications <sup>1,2</sup> at 25° C

| Part Number | Turns Ratio<br>± 5% | OCL Min.<br>(mH) | C <sub>www</sub> max.<br>(pF) | L <sub>L</sub> max.<br>(μH) | DCR Pri. max.<br>(Ω) | DCR Sec. max.<br>(Ω) | Schem. Style |
|-------------|---------------------|------------------|-------------------------------|-----------------------------|----------------------|----------------------|--------------|
| T-16200     | 1:1.36CT & 1:2CT    | 1.2              | 35                            | 0.6                         | 0.7                  | 0.9                  | "3"          |
| T-16201     | 1:2CT & 1:2CT       | 1.2              | 35                            | 0.6                         | 0.8                  | 1.8                  | "3"          |
| T-16202     | 1:1:1.26 & 1:2CT    | 1.2              | 35                            | 0.6                         | 0.8                  | 0.8 / 1.8            | "2"          |
| T-16203     | 1:1.15 & 1:2CT      | 1.2              | 35                            | 0.6                         | 0.8                  | 0.8 / 1.8            | "1"          |
| T-16204     | 1:1CT & 1:1CT       | 1.2              | 35                            | 0.6                         | 0.8                  | 0.8                  | "3"          |
| T-16205     | 1CT:2CT & 1CT:2CT   | 1.2              | 35                            | 0.6                         | 0.7                  | 1.4                  | "8"          |
| T-16206     | 1:2CT & 1:1CT       | 1.2              | 35                            | 0.6                         | 0.8                  | 1.8 / 0.8            | "2"          |
| T-16207     | 1CT:2CT & 1:1       | 1.2              | 35                            | 0.6                         | 0.7                  | 0.9                  | "6"          |
| T-16208     | 1:2CT & 1:1.36      | 1.2              | 35                            | 0.6                         | 0.8                  | 1.8 / 0.8            | "7"          |
| T-16209     | 1:1.14CT & 1:2CT    | 1.2              | 35                            | 0.6                         | 0.7                  | 0.9                  | "3"          |
| T-16210     | 1:1.36 & 1:2CT      | 1.2              | 35                            | 0.6                         | 0.7                  | 1.0                  | "1"          |
| T-16211     | 1:1.36 & 1:1.36CT   | 1.2              | 35                            | 0.4 / 0.5                   | 0.7                  | 1.0                  | "1"          |
| T-16212     | 1:1.15 & 1:1.15     | 1.2              | 35                            | 0.6                         | 0.8                  | 0.8 / 1.8            | "5"          |
| T-16213     | 1:1.14 & 1:1.14CT   | 1.2              | 35                            | 0.6                         | 0.8                  | 0.8 / 1.8            | "1"          |
| T-16214     | 1:2 & 1:2CT         | 1.2              | 35                            | 0.6                         | 0.8                  | 1.8                  | "4"          |
| T-16215     | 1:2 & 1:2           | 1.2              | 35                            | 0.6                         | 0.8                  | 1.8                  | "5"          |
| T-16216     | 1CT:1.41 & 1CT:1.41 | 1.2              | 35                            | 0.6                         | 0.8                  | 1.8                  | "3"          |
| T-16217     | 1:2CT & 1CT:2       | 1.2              | 35                            | 0.6                         | 0.7 / 1.0            | 1.0 / 0.7            | "3"          |

| P/N     | Primary Pins              |
|---------|---------------------------|
| T-16200 | 28-30, 38-40 / 6-8, 16-18 |
| T-16201 | 6-8, 16-18 / 28-30, 38-40 |
| T-16202 | 1-3, 11-13 / 23-25, 33-35 |
| T-16203 | 1-3, 11-13 / 23-25, 33-35 |
| T-16204 | 6-8, 16-18 / 28-30, 38-40 |
| T-16205 | 6-8, 16-18 / 28-30, 38-40 |
| T-16206 | 1-3, 11-13 / 23-25, 33-35 |
| T-16207 | 1-3, 11-13 / 23-25, 33-35 |
| T-16208 | 28-30, 38-40 / 6-8, 16-18 |
| T-16209 | 28-30, 38-40 / 6-8, 16-18 |
| T-16210 | 1-3, 11-13 / 23-25, 33-35 |
| T-16211 | 1-3, 11-13 / 23-25, 33-35 |
| T-16212 | 1-3, 11-13 / 6-8, 16-18   |
| T-16213 | 1-3, 11-13 / 23-25, 33-35 |
| T-16214 | 1-3, 16-18 / 28-30, 33-35 |
| T-16215 | 1-3, 11-13 / 6-8, 16-18   |
| T-16216 | 1-3, 11-13 / 23-25, 33-35 |
| T-16217 | 6-8, 16-18 / 1-3, 11-13   |

OCL Tested at 100kHz 50mV

Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

Dual Port design

Parts shipped in anti-static tubes.

Custom Designs Available

Other Configurations and Packages Available See Our Web Page Under Data Communications/T1

*Tape & Reel Available*

## 40-Pin 50 mil SMD Package Physical Dimensions in inches (mm)

