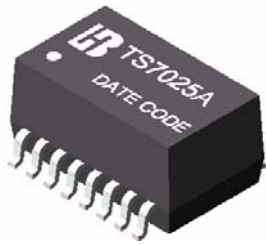


10 BASE T, SMD ETHERNET TRANSFORMER

P/N:TS7025A DATA SHEET

Feature



- 16 PIN SOIC isolation modules.
- Meet the requirements of IEEE802.3.
- Operation temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

| Part Number | Turns Ratio(±3%)       |                 | OCL<br>(uH Min) @ 10KHz/0.01Vrms<br>PRI |                    | C <sub>www</sub><br>(pF Max) @1MHz         | PRI pins      |
|-------------|------------------------|-----------------|---|--------------------|--|---------------|
|             | (1-2-3):(16-15-14)     | (6-8):(11-9)    |   |                    |  |               |
| TS7025A     | 2CT: 1CT               | 1CT:1CT         | 100                                     |                    | 15   | (1-3) & (6-8) |
| Continue    |                        |                 |   |                    |  |               |
| Part Number | L.L<br>(uH Max) @ 1MHz |                 | DCR(Ω Max)                              |                    | HI-POT(V <sub>AC</sub> )@50S<br>PRI TO SEC |               |
|             | 1-3(16-14 short)       | 6-8(11-9 short) | (16-15)&(15-14)                         | (1-3)&(6-8)&(11-9) |  |               |
| TS7025A     | 0.6                    | 0.3             | 0.3                                     | 0.8                | 1500                                       |               |

Schematic

Mechanical

