

# 40 PIN SMD ETHERNET 10 BASE-T QUAD PORT PULSE TRANSFORMER

## P/N:40ST6489B DATA SHEET

### A.GENERAL SPECIFICATIONS

- 1.40-PIN SMD PACKAGE COMPATIBLE WITH LEVEL 1 CHIP.
- 2.DISIGNED FOR MULTIPOINT REPEATER AND SWITCHED ETHERNET APPLICATIONS UTILIZING SINGLERJ-45 CONNECTORS.
- 3.OPERATING TEMP RANGE: 0°C TO +70°C.
- 4.STORAGE TEMP RANGE: -25°C TO +125°C.

### B.ELECTRICAL SPECIFICATIONS@25°C — €

1. PRI./SEC.ISOLATION:1500 Vrms.
2. PEAK PULSE RATING: 50 VOLTS.
3. DISSIPATION RATING:75 mW.
4. INSULATION RESISTANCE: 10,000 MOHM.
5. TURN RATIO: TX=1CT:1.41CT ; RX=1:1(±5%)
6. PRI.OCL:TX & RX :140 μ H MIN
7. PRI./SEC.Cw/w(pF MAX): 15
8. TX/RX L.L( μ H MAX.):0.4/0.4
9. PRI.DCR(OHM MAX.): TX:0.8, RX:0.8

### C.SCHEMATIC & DIMENSIONS & MARKING:(UNTI mm)

