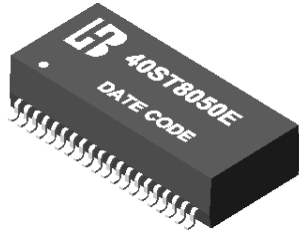




P/N: 40ST8050E DATA SHEET

Feature



- Family of parts-common footprint and pinout with a choice of filtering for customized EMI performance.
- Space-efficient-12 ports across 3.6 inches for optimal PCB layout.
- Operating temperature range : 0°C to +70°C .
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

| Part Number | Turns Ratio (±2%) | | OCL(μH Min) Sine Wave Inductance @100KHz/20mV | L.L (μH Max) @100KHz/20mV | Cw/w (pF Max) @100KHz/20mV | Cross Talk (dB Min) 1-10MHz | HI-POT (Vrms) |
|-------------|-------------------|-----|---|------------------------------|----------------------------------|-----------------------------------|-------------------|
| | TX | RX | | | | | |
| 40ST8050E | 1CT:1CT | 1:1 | 150 | 0.3 | 10 | -35 | 1500 |

Continue

| Part Number | Insertion Loss (dB Max) 1-10MHz | Return Loss(dB Min) @ 5-10MHz | | CMR (dB Min) TX | | | | |
|-------------|---------------------------------------|----------------------------------|--------|--------------------|--------|--------|---------|---------|
| | | 100Ω | 98±13Ω | 5 MHz | 10 MHz | 50 MHz | 100 MHz | 200 MHz |
| 40ST8050E | -0.5 | -20 | -15 | -60 | -50 | -34 | -25 | -18 |

Schematic

Mechanical

