

# 40 PIN SMD 10-BASE T QUAD SMT TRANSFORMER MODULES

## P/N: 40ST8050C DATA SHEET

### Feature



- Family of parts-common footprint and pinout with a choice of filtering for customized EMI performance.
- IC grade transfer-molded package withstands 235• peak temperature 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 (±5%)		Wine Wave Inductance(•H Min) @100KHz/20mVrms	L.L (•H Max) @100KHz/20mVrms	Cw/w (pF Max) @100KHz/20mVrms	Cross Talk (dB Min) 0.3-10MHz		HI-POT (Vrms )	
	TX	RX							
40ST8050C	1CT:1 CT	1:1	150	0.3	10	-35		1500	
Continue									
Part Number	Insertion Loss (dB Max) 0.3-10MHz	Return Loss(dB Min)@ 5-10MHz			CMR (dB Min) TX				
		100Ω	98±13Ω		5 MHz	10 MHz	50 MHz	100 MHz	200 MHz
40ST8050C	-0.5	-20	-15		-60	-50	-35	-25	-20

### Schematic

### Mechanical

