

10BASE-T QUAD SMT TRANSFORMER MODULES

FEATURES

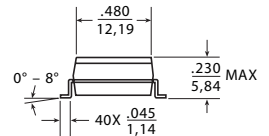
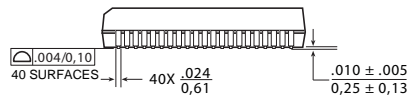
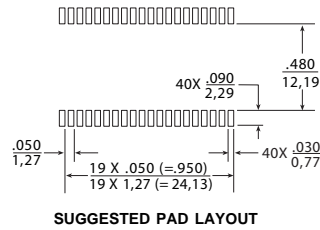
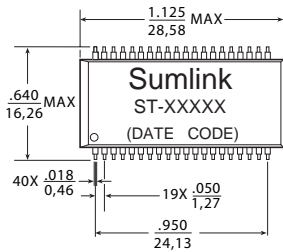
- Family of parts – common footprint and pinout with a choice of filtering for customized EMI performance
- IC grade transfer-molded package withstands 235°C peak temperature performance



Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Transformer Turns Ratio (±2%)	Sine Wave Inductance OCL (μ H MIN)	Interwinding Capacitance C _{ww} (pF MAX)	Leakage Inductance L _L (μ H MAX)	Return Loss 5 to 10 MHz (dB MIN)		Common Mode Rejection TX (dB MIN)					Hipot (VRMS MIN)
							5 MHz	10 MHz	50 MHz	100 MHz	200 MHz	
					100 Ω	98 ±13 Ω						
ST-88049	1CT:1CT	150	10	0.30	-20	-15	-60	-50	-35	-25	-20	1500
ST-88050	1CT:1CT	150	10	0.30	-20	-15	-60	-50	-35	-25	-20	1500
ST-88062	1CT:√2CT	150	10	0.30	-20	-15	-60	-50	-30	-25	-20	1500
ST-88065	1CT:√2CT	150	10	0.30	-20	-15	-60	-50	-30	-20	-15	1500

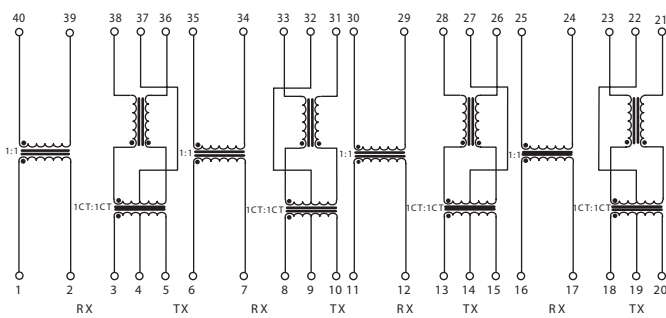
Mechanical



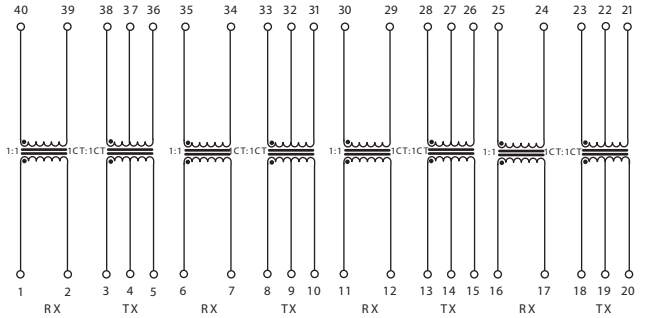
Dimensions: Inches
mm
Unless otherwise specified, all tolerances are ± .010 / 0.25

Schematics

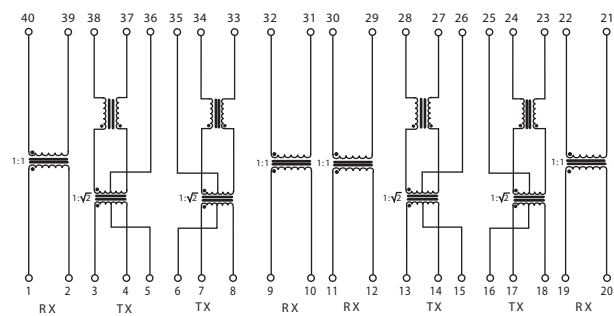
ST-88049



ST-88050



ST-88062



ST-88065

