

SINGLE RJ45 CONNECTOR MODULE WITH INTEGRATED 10/100 BASE-TX MAGNETICS

FEATURES

- 10/100 Base-TX RJ45 1x1 Tab-UP integrated magnetics connector
- SMT product Available with or without LEDs
- Meets or exceeds IEEE 802.3i/u standard for 10/100Base-T
- Minimum 1500 Vrms isolation per IEEE 802.3 requirement



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

Part Number	Turns Ratios		LEDs (L/R)	Insertion Loss (dB MAX)		Return Loss (dB TYP) 100 Ω ±15 Ω		Crosstalk (dB MIN)	Hipot (Vrms) @60Hz 1MIN
	TX	RX		1-80 MHz	100 MHz	1-60 MHz	60-100 MHz		
ST-J0012T	1CT:1CT	1CT:1CT	G/Y	-1.0	-1.2	-14	-10	-35	1500

Mechanicals

Schematics

