

## CTRJPPS2R5GF Series

### CHARACTERISTICS

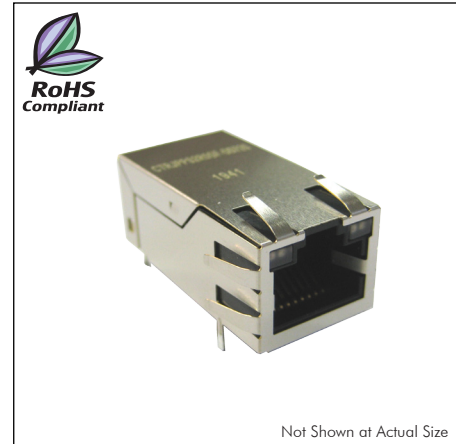
**Description:** 2.5G Base-T integrated RJ45 jack, single port, PoE & PoE+, Tab Up

**Applications:** Telecom equipment, HUB, wireless router station, VoIP device, video camera

**Operating Temperature:** 0°C to 70°C

**Features:**

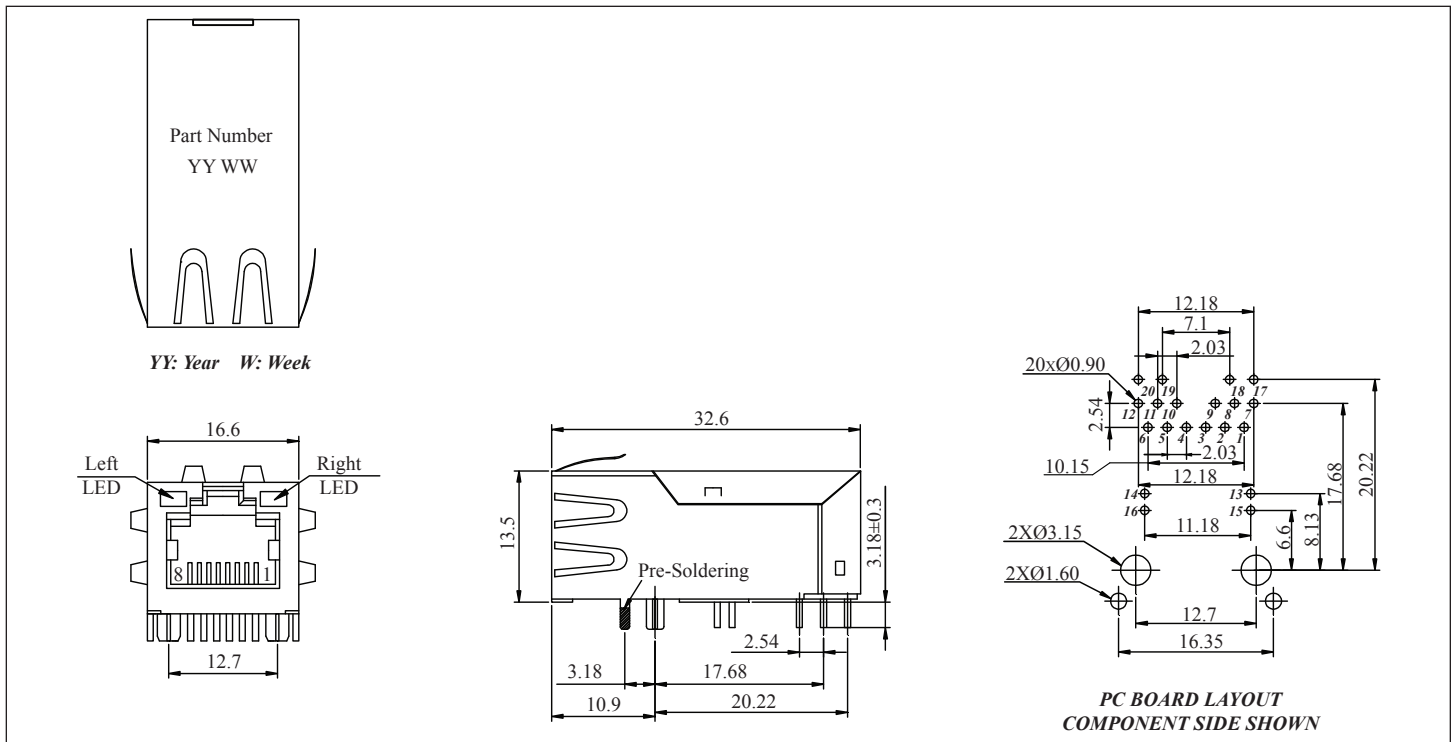
- 1x1 Tab-Up, 1" long RJ45 with internal magnetics
- 16pin signal pin versions available
- Available with LEDs
- Suitable for CAT 5 & 6 fast ethernet cable or better UTP
- Internal magnetics are 100% electrically tested for Hi-Pot and functionality
- Meet IEEE 802.3af standards with 350mA
- Meet IEEE 802.3at standards with 720mA
- Custom solutions available



### SPECIFICATIONS

PART NUMBER	Turns Ratio (±3%)	LEDs	Insertion Loss (dB Max.)		Return Loss (dB Min.)		Crosstalk (dB Typ.)		DCMR (dB Typ.)		CMR (dB Typ.)	CDMR (dB Typ.)				POE Current	Hipot (Vdc) @60Hz
			L/R	1-50 MHz	50-125 MHz	1-40 MHz	40-200 MHz	1-125 MHz	125-200 MHz	1-10 MHz	10-200 MHz	1-125 MHz	1 MHz	50 MHz	100 MHz		
CTRJPPS2R5GF-DD720	1CT:1CT	G/Y & G/Y	-0.5	-1.0	-20	-20+15log(f/40MHz)	-30	-25	-48	-48+19log(f/10MHz)	-35	-30	-30	-27	-24	720mA	2250
CTRJPPS2R5GF-DD350	1CT:1CT	G/Y & G/Y	-0.5	-1.0	-20	-20+15log(f/40MHz)	-30	-25	-48	-48+19log(f/10MHz)	-35	-30	-30	-27	-24	350mA	2250

### PHYSICAL DIMENSIONS & PAD LAYOUT



Unit: mm Tolerances: Unless otherwise specified, all tolerances are ±0.25

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### SCHEMATICS

