CTRJPPS10GF Series

CHARACTERISTICS

Description: 10G 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 Tap-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 600mA
- Custom solutions available

RoHS Compliant

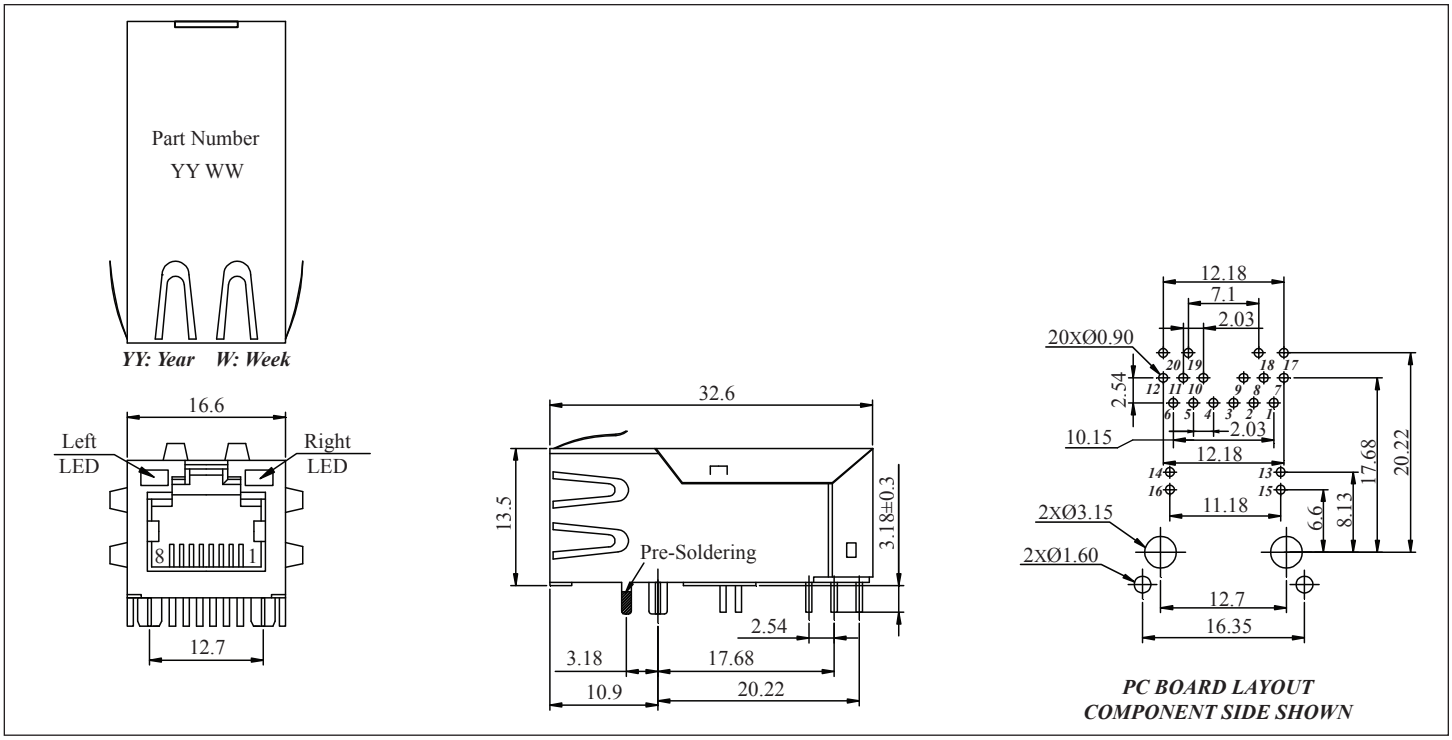


Not Shown at Actual Size

SPECIFICATIONS

PART NUMBER	Turns Ratio (±3%)	LEDs	Insertion Loss (dB Max.)	Return Loss (dB Min.)				Crosstalk (dB Typ.)		CDMR (dB Typ.)		POE Current	Hipot (Vrms)
		L/R	1-400 MHz	1-100 MHz	100-200 MHz	200-400 MHz	400-500 MHz	1-100 MHz	100-500 MHz	1-250 MHz	250-500 MHz		@60Hz
CTRJPPS10GF-DD350	1CT:1CT	G/Y & G/Y	-2.0	-13	-10	-7	-6	-40	-30	-30	-22	350mA	1500
CTRJPPS10GF-DD600	1CT:1CT	G/Y & G/Y	-2.0	-13	-10	-7	-6	-40	-30	-30	-22	600mA	1500

PHYSICAL DIMENSIONS & PAD LAYOUT

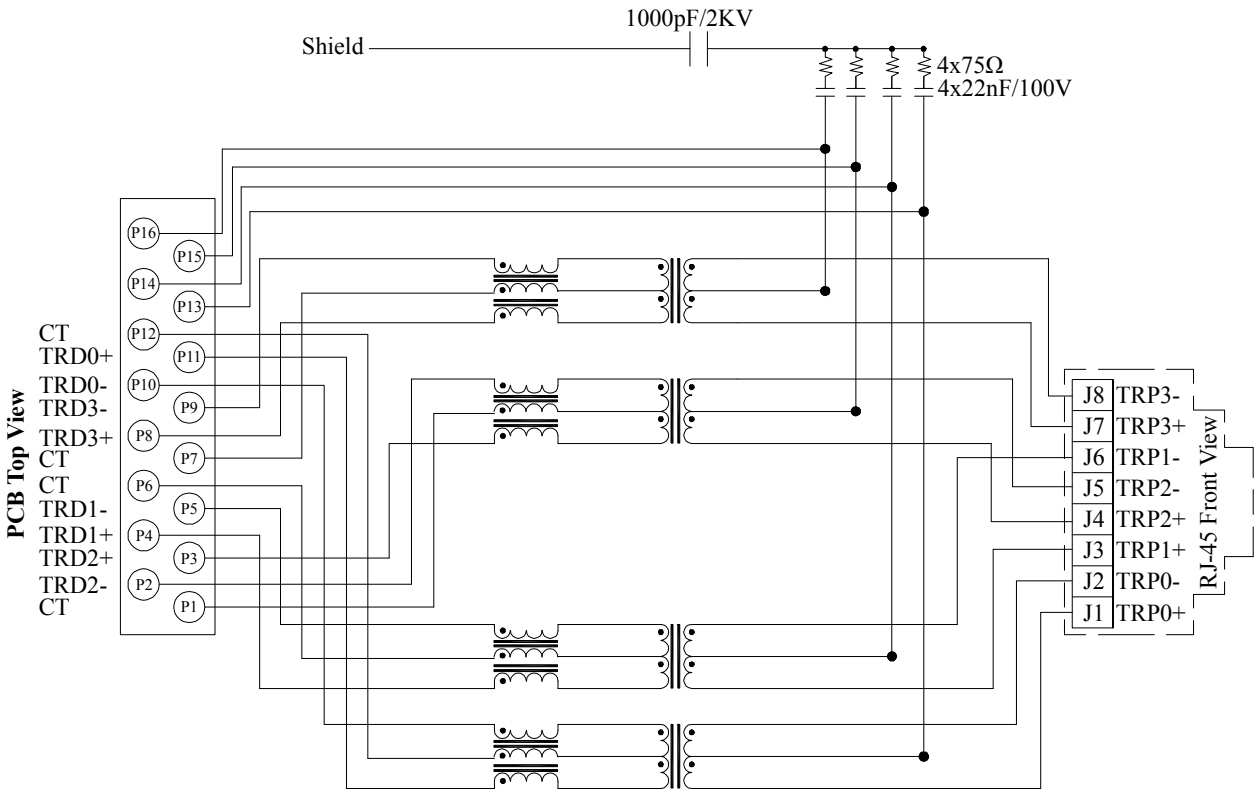


Unit: mm Tolerances: Unless otherwise specified, all tolerances are ±0.25

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CTRJPPS10GF

SCHEMATICS



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Central Technologies:

CTMC1210SF-R68K CTCDRH127F-820M CTLL2012SF-18NJ CTDT1608CF-682 CT0805LSF-123J CTSLF1045TF-331M CTSLF1045TF-100M CTLQ1812CF-101K CTGS75F-101K CTCDRH104RF-150 CT0603QWF-3N9H CTMC1812SF-2R7J CTCDRH6D38F-7R4N CTMC1812SF-680J CTM2F-241J CTC2F-2R2K CTLQ1210CF-4R7M CTDR3F-102K CTC2F-R27K CTML0805F-180K CT132SMF-13TJ CTMC1210SF-330J CTGS54F-390L CTGSR105BF-181M CTCDRH124F-150M CTCDRH104RF-330 CTTF0402F-15NG CTLL1005SF-3N9S CTCDRH5D28F-5R6N CT1008LSF-222J