

1X1 Tab-Down 10GBase-T RJ45

Designed to Support 10GBASE-T Transceivers



FEATURES

- Compliant with IEEE 802.3 standard
- Qualified with top 10Gig PHY Manufacturers RoHS peak wave solder
- temperature rating 260°C
- Low profile package for PCI Express
- Fine-tune magnetics to specific PHY vendors

Series/Type: **JT4-1108HLPH**

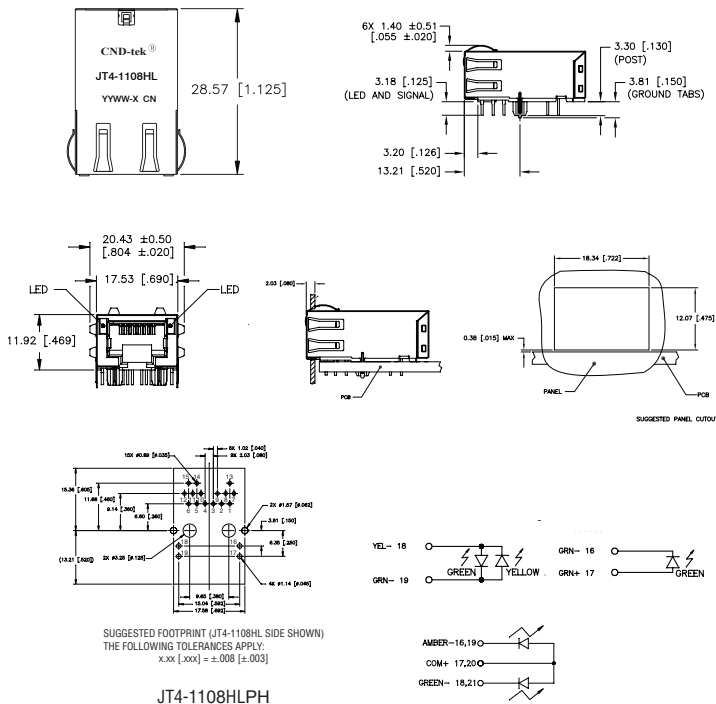
ELECTRICAL SPECIFICATIONS @25°C

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

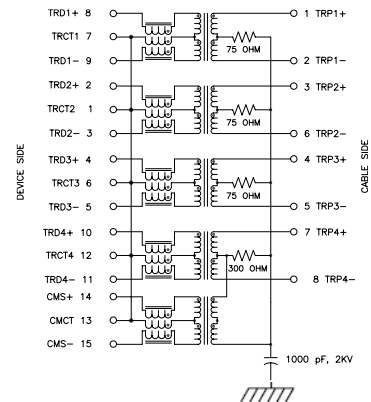
Part Number	Channel Option	LEDs ² (L/R)	Insertion Loss (dB MAX)		Return Loss (dB MIN)				Common to Differential Mode Rejection (dB MIN)		Cross Talk (dB or better)		Hipot (VDC MIN)
			100 KHz	1-400 MHz	1-100 MHz	200 MHz	300 MHz	500 MHz	1-300 MHz	300-500 MHz	1-100 MHz	100-500 MHz	
JT4-1108HLPH	5	G-Y/G	-3.0	-2.0	-22.0	-16.5	-13.2	-9	-30	-22	-28	-19	2250

*Testing Conditions: 100KHz 0.1V

DIMENSIONS & MARKING



SCHEMATICS



Per Vendor's Specification

EMITTED COLOR	GREEN	YELLOW
WAVELENGTH (nm)	565	588
POWER DISSIPATION (Pd)	105 mW MAX	100 mW MAX
DC FORWARD CURRENT	25 mA MAX	30 mA MAX
FORWARD VOLTAGE (VF) @20mA	2.2 V TYP	2.1 V TYP

NOTE: PER VENDOR'S SPECIFICATION

Notes:

1. LEDs: (Left/Right) G = green, Y = yellow, A = amber