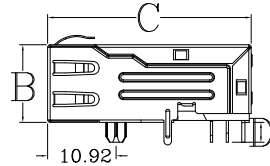
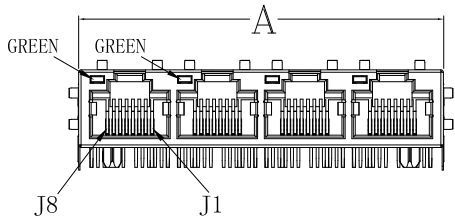


1 2 3 4 5 6 7 8 9 10

A



UNIT : mm / inch
 A = 58.24 / 2.293
 B = 12.40 / 0.488
 C = 32.76 / 1.290
 D = 3.17 / 0.125

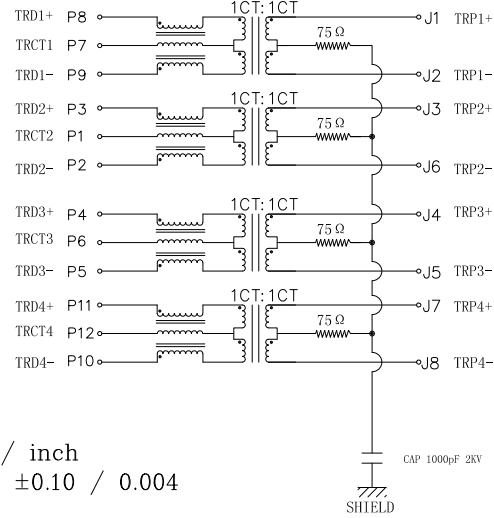
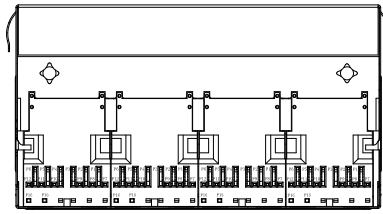


Unless otherwise specified, all dimensions tolerances is $\pm 0.254 / 0.010$.

Notes:

- CONNECTOR MATERIAL:
 HOUSING: THERMOPLASTIC BLACK UL94 V-0
 SHIELD: Brass
 SHIELD PLATING: NICKEL
 CONTACT: PHOSPHOR BRONZE
 CONTACT PLATING: SELECTIVE GOLD, 30 MICRO-INCHS MIN IN CONTACT AREA
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS
- RJ45 CAVITIES CONFORM TO FCC RULES AND REGULATION PART 68.
- THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260° C MAX, 10 SECS MAX
- OPERATING TEMPERATURE T = -40°C TO +85°C.
- STORAGE TEMPERATURE T = -40°C TO +85°C.

B



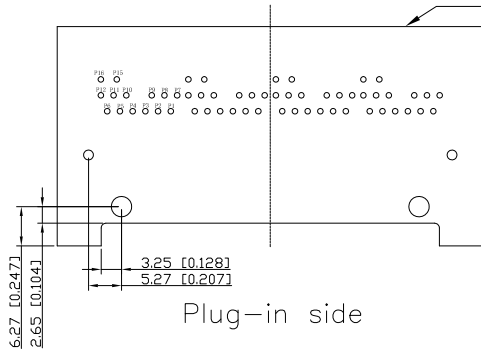
Electronical Specifications:

PARAMETER	SPECIFICATIONS		
URNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS (DATA CHANNELS)	100 KHZ	1-400 MHz	
	-3.0 dB MAX	-2.0 dB MAX (-1.4dB TYP)	
RETURN LOSS (Z OUT=100 OHM ±1%)	1-40 MHz	40 MHz-400 MHz	400 MHz-500 MHz
	-16 dB MIN	-16+10LDG<f/40>dB	-6+30LDG<f/400>dB
INDUCTANCE (OCL)	160 µH MIN @ 100 KHZ, 100 mV		
CROSSTALK, ADJACENT CHANNELS	1-100 MHz	100-500 MHz	
	-28 dB MIN	-19 dB MIN	
COMMON MODE REJECTION RATIO	1-40 MHz	40-100 MHz	100-500 MHz
	-30 dB MIN	-28 dB MIN	-26 dB MIN
	COMMON TO DIFFERENTIAL MODE REJECTION (CDMR)		250-500 MHz
		-30 dB MIN	-22 dB MIN
HIPOT-OUTPUT ISOLATION	2250 VDC MIN @ 60 SECONDS		

NOTE: f IS FREQUENCY IN MHZ.

C

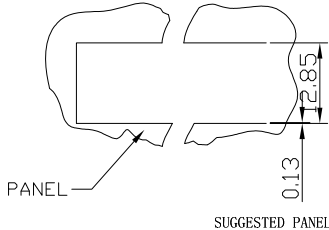
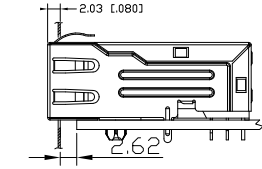
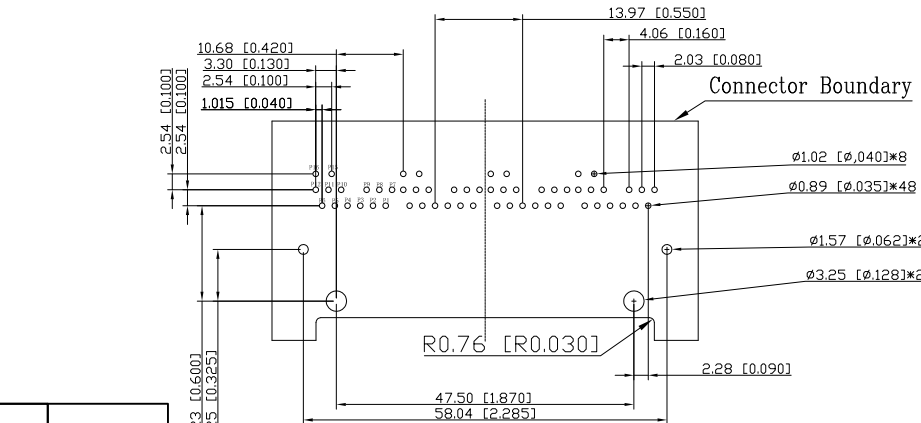
Connector Boundary



UNIT: mm / inch
 Tolerances: $\pm 0.10 / 0.004$

Plug-in side

Recommended PCB Layout (Component Side View)



E

LED SPECIFICATION				
STANDARD LED	WAVELENGTH	Forward Current	Forward V(max)	TYP
GREEN	565nm	20 mA	2.4V	2.2V

PROPRIETARY NOTE:

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.X ± 0.30	APPROVED: Chris	
.XX ± 0.20	CHECKED: Denny	
.XXX ± 0.15	DRAWN: Bryan	
X° ± 3'	UNITS: mm	SCALE: NONE
TITLE: RJ45 WITH 10G BASE T MAGNETICS 4 PORTS JACK		PART NO: KJ17S-0693-TGBL
SHEET: 1 OF 1		

F

A	24.7.2017
REV	DATE

1 2 3 4 5 6 7 8 9 10