

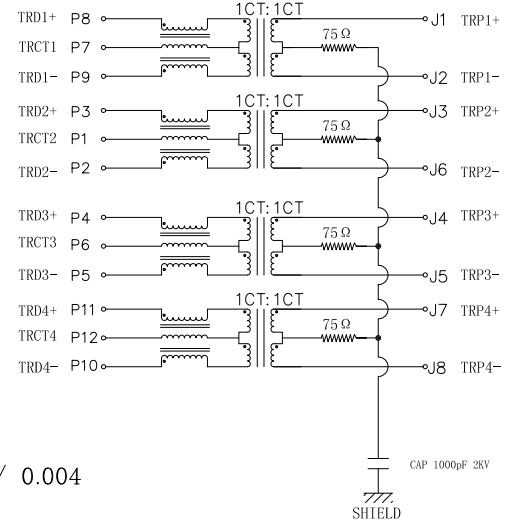
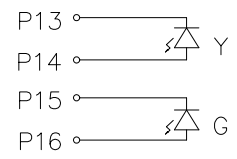
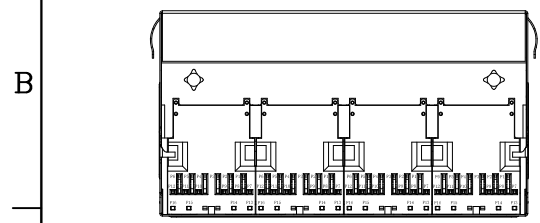
UNIT : mm / inch  
 A = 58.24 / 2.293  
 B = 12.40 / 0.488  
 C = 32.76 / 1.290  
 D = 3.17 / 0.125

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



Notes:

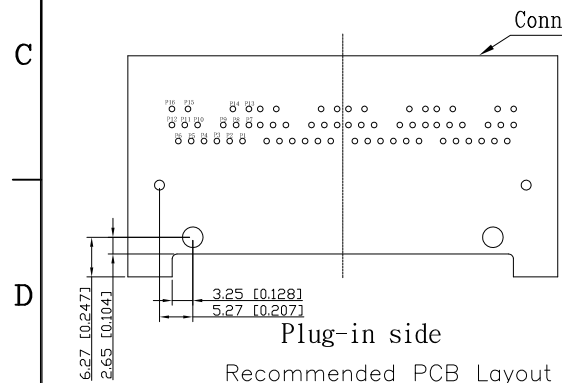
- CONNECTOR MATERIAL:  
 HOUSING:THERMOPLASTIC BLACK UL94 V-0  
 SHIELD:Brass  
 SHIELD PLATING:NICKEL  
 CONTACT:PHOSPHOR BRONZE  
 CONTACT PLATING:SELECTIVE GOLD,30 MICRO-INCHS MIN IN CONTACT AREA
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS
- RJ45 CAVITIES 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.



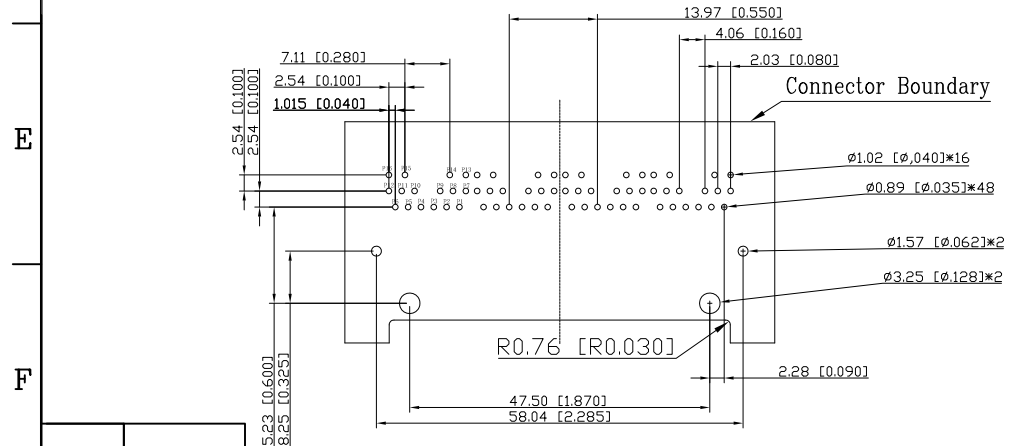
Electronical Specifications:

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+10LOG<f/40>dB	-6+30LOG<f/400>dB
	INDUCTANCE (OCL) 160 uH 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		

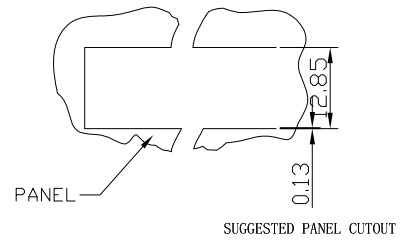
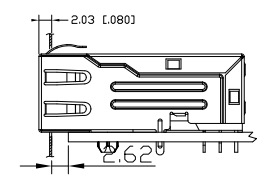
NOTE: f IS FREQUENCY IN MHZ.



Recommended PCB Layout (Component Side View):




Plug-in side



LED SPECIFICATION				
STANDARD LED	WAVELENGTH	Forward Current	Forward V(max)	TYP
GREEN	565nm	20 mA	2.4V	2.2V
YELLOW	590nm	20 mA	2.5V	2.1V

PROPRIETARY NOTE:

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.X ± 0.30	APPROVED: Chris	 <a href="http://www.rego.com.tw">http://www.rego.com.tw</a>
.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-0692-TGBL
SHEET: 1 OF 1		

A	24.7.2017
REV	DATE

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