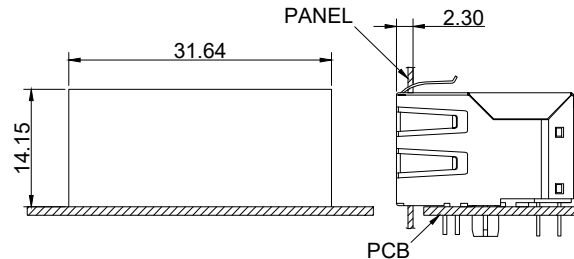
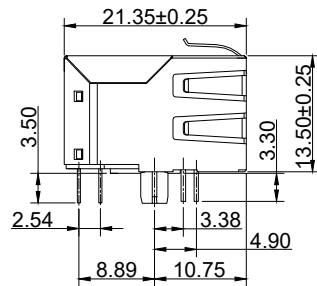
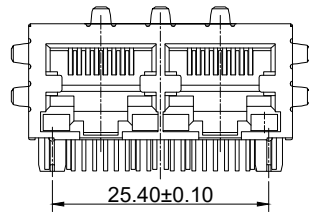


LED SPECIFICATION			
STANDARD LED	WAVELENGTH	FORWARD V(Max.)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	565nm	2.4V	2.2V

WITH A FORWARD CURRENT OF 20mA



RECOMMENDED PANEL CUT OUT

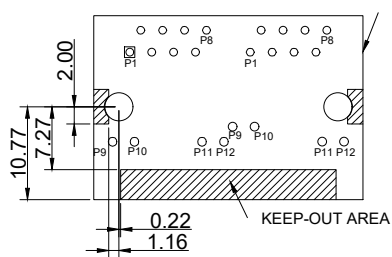
NOTES:

MECHANICAL

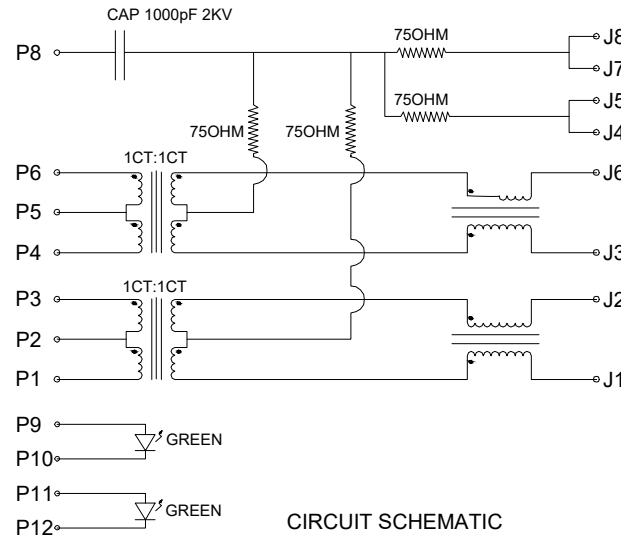
- HOUSING : THERMOPLASTIC UL94V-0
- CONTACT : COPPER ALLOY
- CONTACT PLATING : SELECTIVE GOLD 15 MICRO-INCHS Min. IN CONTACT AREA
- SHIELD : BRASS
- SHIELD PLATING : NICKEL

ENVIRONMENTAL

- STORAGE TEMPERATURE : -40°C~+85°C
- OPERATION TEMPERATURE : 0°C~+70°C

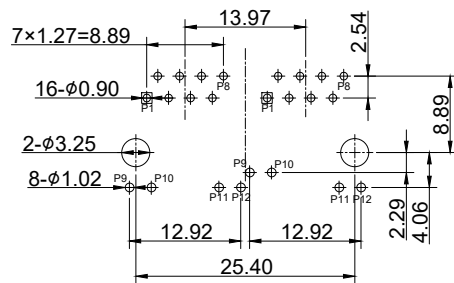


CONNECTOR BOUNDARY




CIRCUIT SCHEMATIC

PARAMETER	SPECIFICATIONS	
TURN RATIO @100KHz	(P1~P3):(J1~J2) = 1:1±5% (P4~P6):(J3~J6) = 1:1±5%	
PRIMARY INDUCTANCE	350uH Min. @100KHz, 0.1V 8mA DC BIAS	
DC RESISTANCE	(J1~J2):(J3~J6) 1.2OHMS Max.	
INSERTION LOSS	1-100MHz	-1.2dB Max.
RETURN LOSS	1-30MHz	-16dB Min.
	30-60MHz	-12dB Min.
CROSS TALK	60-80MHz	-10dB Min.
	1-100MHz	-30dB Min.
COMMON MODE REJECTION RATIO	1-100MHz	-30dB Min.
ISOLATION PHY SIDE TO LINE SIDE	1500V AC OR 2250V DC	



RECOMMENDED PCB LAYOUT



E.S. GLOBAL TOP

UNIT		mm
REVISION		A
PRODUCT		RJ45 1X2 ICM 10/100 Base-T
DWG NO.	PART NO.	TOLERANCES ±0.10 UNLESS OTHERWISE SPECIFIED
EZI01S-208ND21-01		
PROJECTION	SCALE	SHEET
1 OF 1		1 OF 1