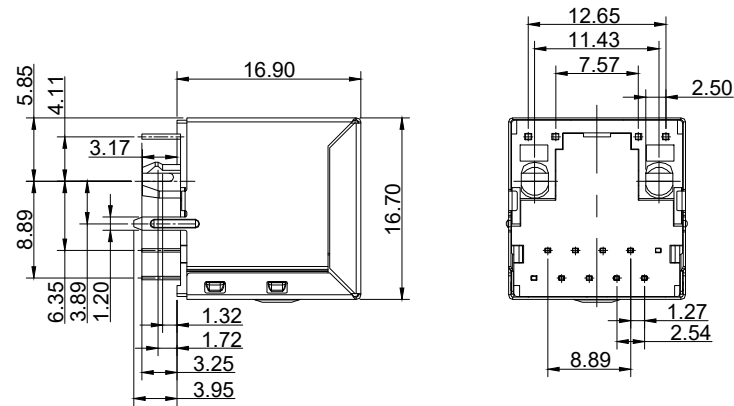
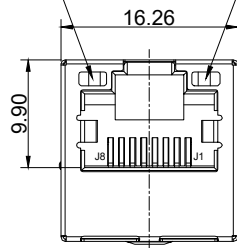


GREEN YELLOW



NOTES:

MECHANICAL

HOUSING	: THERMOPLASTIC UL94V-0
CONTACT	: COPPER ALLOY
CONTACT PLATING	: SELECTIVE GOLD 6 MICRO-INCHS MIN. IN CONTACT AREA
SHIELD	: BRASS
SHIELD PLATING	: NICKEL

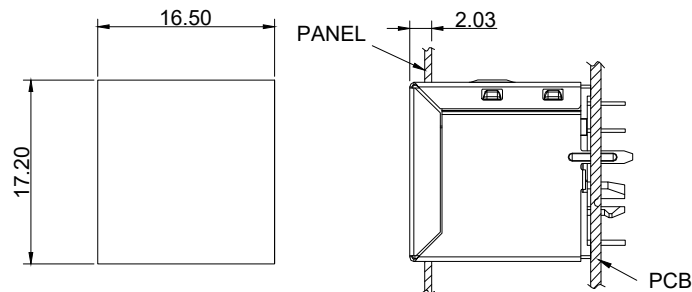
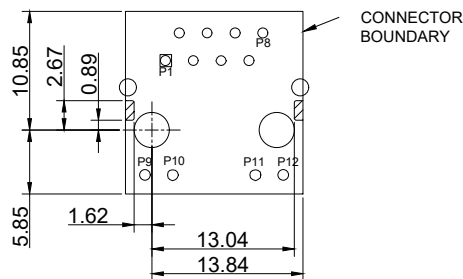
ENVIRONMENTAL

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

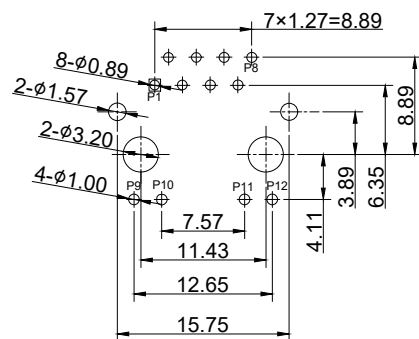
LED SPECIFICATION

STANDARD LED	WAVELENGTH	FORWARD V(Max.)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

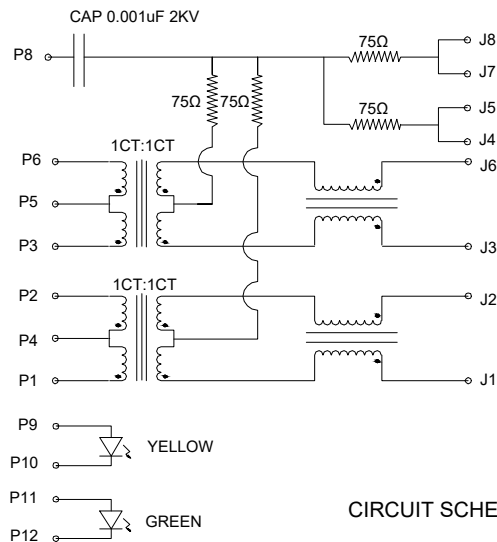
WITH A FORWARD CURRENT OF 20mA



RECOMMENDED PANEL CUT OUT



RECOMMENDED PCB LAYOUT



CIRCUIT SCHEMATIC

PARAMETER	SPECIFICATIONS	
TURN RATIO @100KHz	(P1~P2):(J1~J2) = 1:1±5% (P3~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.
	60-80MHz	-10dB Min.
CROSS TALK	1-100MHz	-30dB Min.
COMMON MODE REJECTION RATIO	1-100MHz	-30dB Min.
ISOLATION PHY SIDE TO LINE SIDE	1500V AC OR 2250V DC	

 <i>E.S. GLOBAL TOP</i>				UNIT mm
				REVISION A
PRODUCT RJ45 1X1 TOP ENTRY ICM 10/100 Base-T				TOLERANCES ±0.10 UNLESS OTHERWISE SPECIFIED
DWG NO. EZI01S-108NU21-03		PART NO.		
PROJECTION 	SCALE		SHEET 1 OF 1	
F		6		