

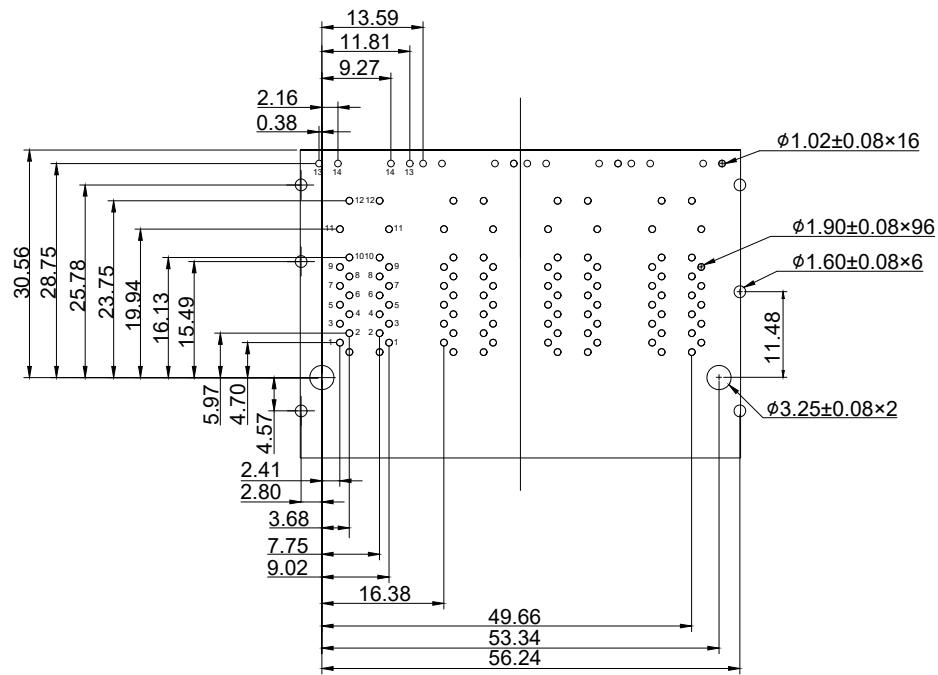


NOTES:  
**MECHANICAL**  
 HOUSING & INSERT : THERMOPLASTIC UL94 V-0  
 CONTACT : COPPER ALLOY  
 PLATING : NICKEL  
 SHIELD : BRASS

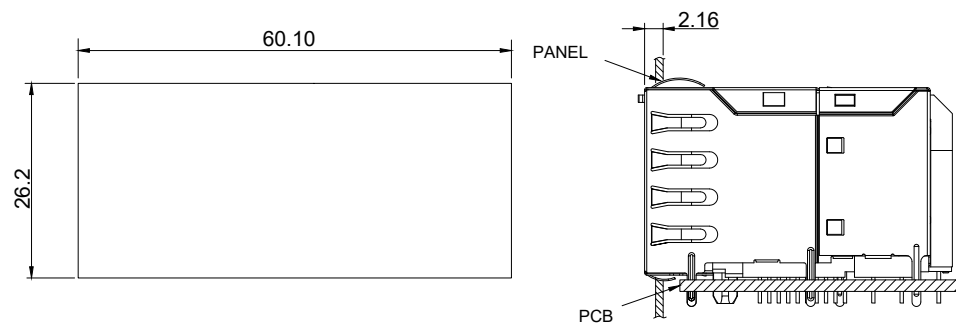
**ENVIRONMENTAL**  
 STORAGE : -40°C ~ +85°C  
 OPERATION : 0°C ~ +70°C

PARAMETER	SPECIFICATIONS	
TURN RATIO @100KHz	(P2~P3):(J1~J2) = 1:1±5% (P4~P5):(J3~J6) = 1:1±5% (P6~P7):(J4~J5) = 1:1±5% (P8~P9):(J7~J8) = 1:1±5%	
PRIMARY INDUCTANCE	350uH Min. @100KHz, 0.1V 8mA DC BIAS	
DC RESISTANCE	1.2OHMS Max.	
INSERTION LOSS	1-100MHz	-1.0dB Max.
	100-125MHz	-1.2dB Max.
RETURN LOSS	1-40MHz	-16dB Max.
	40-60MHz	-12dB Max.
	60-80MHz	-10dB Max.
	80-100MHz	-8dB Max.
CROSS TALK	1-100MHz	-30dB Min.
COMMON MODE REJECTION RATIO	1-100MHz	-30dB Min.
ISOLATION PHY SIDE TO LINE SIDE	2250V DC	
DC CURRENT / VOLTAGE RATING - PSE PINS	840mA @57V	

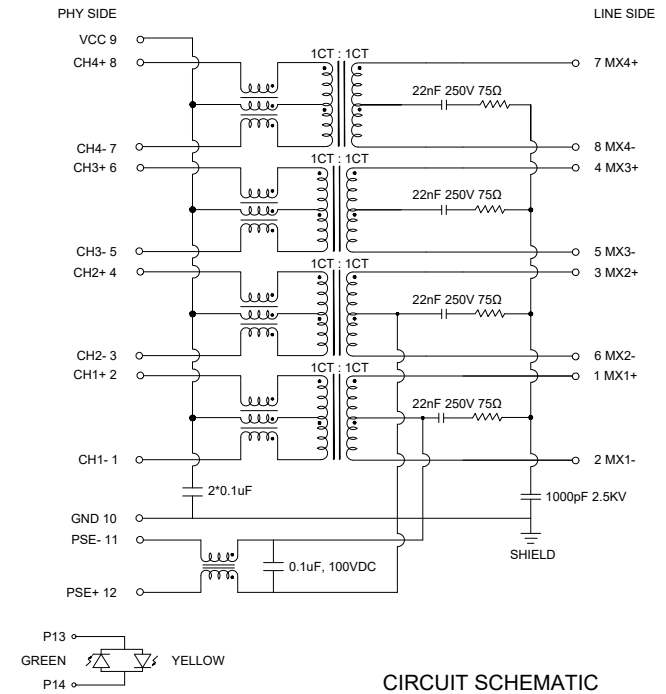
 <b>E.S. GLOBAL TOP</b>		UNIT	mm
		REVISION	A
PRODUCT		RJ45 2x4 ICM 1000 BASE-T	
DWG NO.		PART NO.	
EZ110S-2410P21-01			
PROJECTION	SCALE	SHEET	
		1 OF 2	





RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL OPENING



CIRCUIT SCHEMATIC

 <b>E.S. GLOBAL TOP</b>		UNIT	mm
		REVISION	A
PRODUCT		RJ45 2x4 ICM 1000 BASE-T	
DWG NO.		PART NO.	
EZ110S-2410P21-01			
PROJECTION	SCALE	SHEET	2 OF 2
			
		<b>±0.10 UNLESS OTHERWISE SPECIFIED</b>	