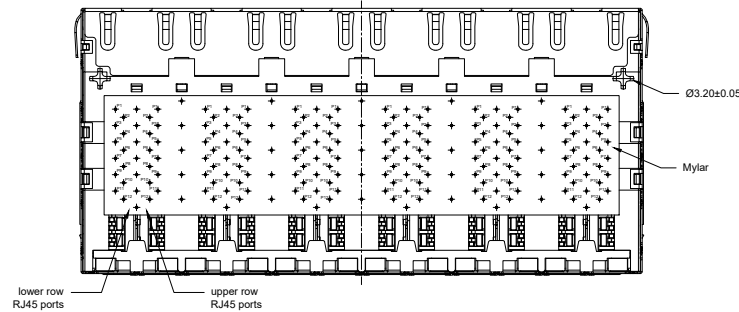
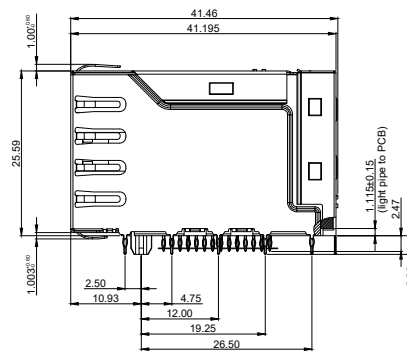
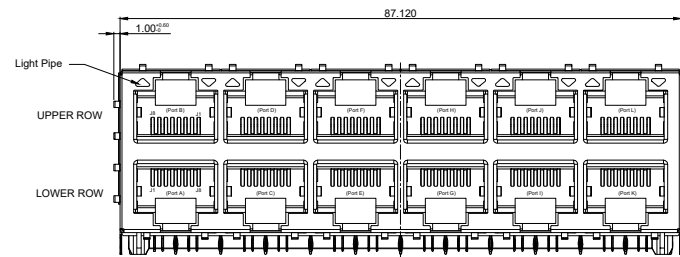


1 2 3 4 5 6

A

A



NOTES:
 Housing: LCP black UL94 V-0
 Insert: LCP black UL94 V-0
 Shield: cupronickel, nickel plating
 Contact: phosphor bronze selective gold plating on contact area over nickel plating overall
 Terminal: cupronickel tin plating over nickel plating overall
 Insulation resistance: 500MΩ min.
 Insertion force with the latch depressed: 20N max.
 Removal force with the latch depressed: 20N max.
 Locking force of plug latch: 50N min. @60±5 sec.
 Durability: 750 cycles
 Contact resistance: 30mΩ max.
 Operating temperature: -40°C~+85°C
 Storage temperature: -40°C~+85°C
 Max. SMT LED height should not exceed 1.1mm

PARAMETER	SPECIFICATIONS	
TURN RATIO	1.00±5%	
PORALITY	PER SCHEMATIC	
INSERTION LOSS (DATA CHANNELS)	100MHz	-3.0dB Max.
	1-400MHz	-2.0dB Max. (-1.4dB TYP)
RETURN LOSS	1-40MHz	-16dB Min.
	40-400MHz	-16+10log(f/40)dB
	400-500MHz	-6+30log(f/400)dB
INDUCTION (OCL)	120uH min. @100KHz 0.1V	
COMMON MODE REJECTION RATIO	1-40MHz	-30dB Min.
	40-100MHz	-28dB Min.
	100-500MHz	-20dB Min.
COMMON MODE TO DIFFERENTIAL MODE REJECTION (CDMR)	1-250MHz	-30dB Min.
	250-500MHz	-20dB Min.
CROSS TALK	1-100MHz	-28dB Min.
	100-500MHz	-19dB Min.
INPUT-OUTPUT ISOLATION	2250V DC min. @60 sec.	

C

C

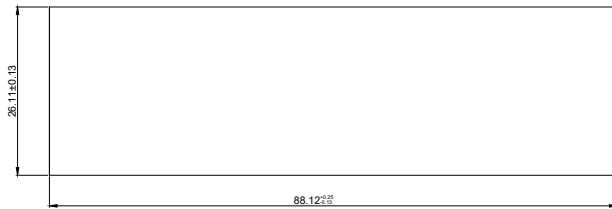
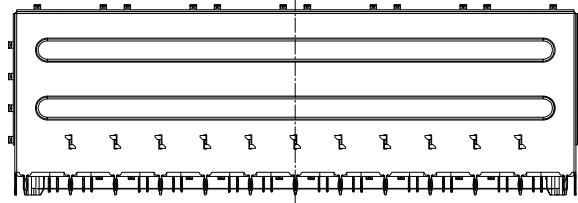
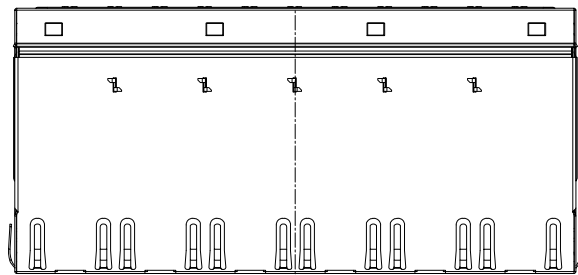
D

D

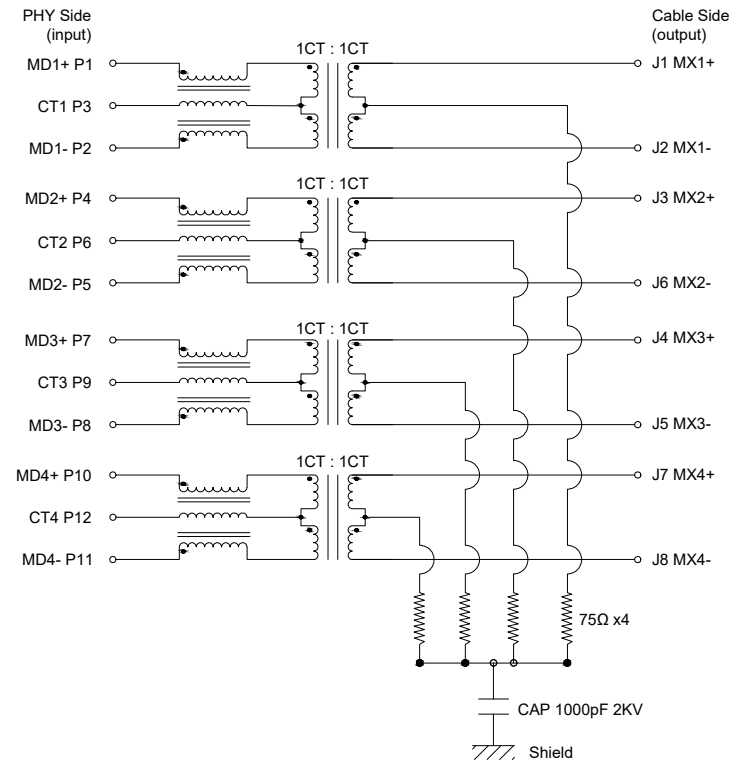
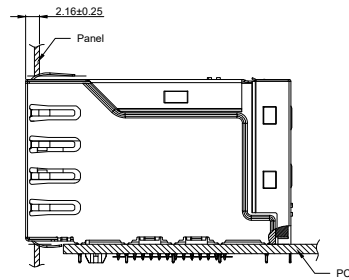
1 2 3 4 5 6

		UNIT	mm
		REVISION	A
PRODUCT		RJ45 2X6 ICM 10G Base-T	
DWG NO.	EZ111S-2612N21-01	PART NO.	
PROJECTION		SCALE	SHEET 1 OF 3

TOLERANCES
 ±0.10 UNLESS OTHERWISE SPECIFIED

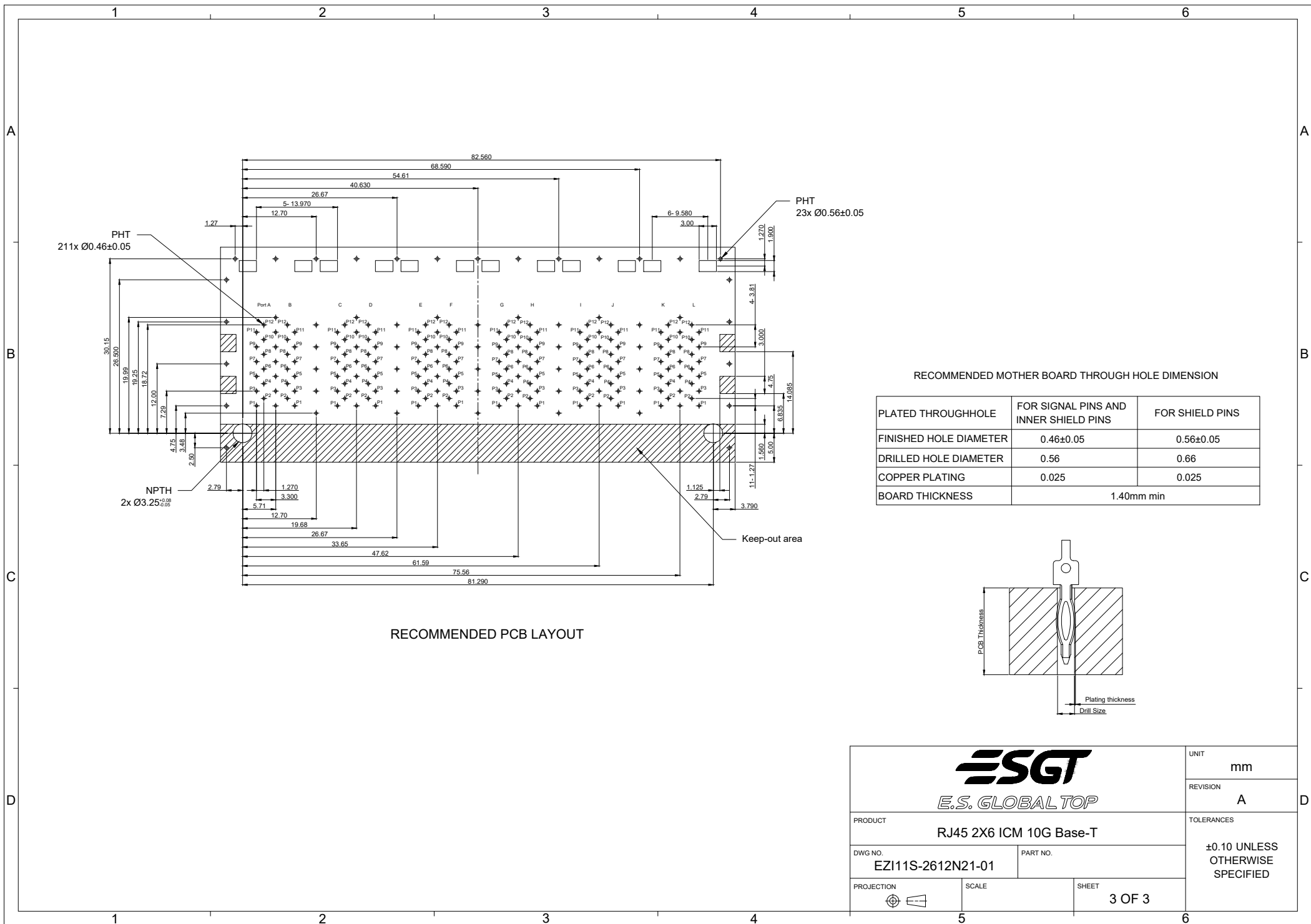


RECOMMENDED PANEL CUT OUT



CIRCUIT SCHEMATIC

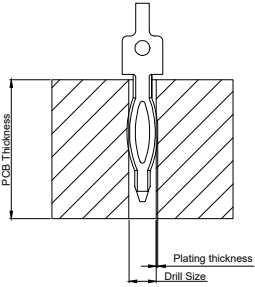
		UNIT	mm
		REVISION	A
PRODUCT		RJ45 2X6 ICM 10G Base-T	
DWG NO.	PART NO.	TOLERANCES ±0.10 UNLESS OTHERWISE SPECIFIED	
EZI11S-2612N21-01			
PROJECTION	SCALE		
		2 OF 3	



RECOMMENDED PCB LAYOUT

RECOMMENDED MOTHER BOARD THROUGH HOLE DIMENSION

PLATED THROUGH HOLE	FOR SIGNAL PINS AND INNER SHIELD PINS	FOR SHIELD PINS
FINISHED HOLE DIAMETER	0.46±0.05	0.56±0.05
DRILLED HOLE DIAMETER	0.56	0.66
COPPER PLATING	0.025	0.025
BOARD THICKNESS	1.40mm min	



		UNIT	mm
		REVISION	A
PRODUCT		TOLERANCES	
RJ45 2X6 ICM 10G Base-T		±0.10 UNLESS OTHERWISE SPECIFIED	
DWG NO.	PART NO.	PROJECTION	
EZ111S-2612N21-01			
PROJECTION	SCALE	SHEET	
		3 OF 3	