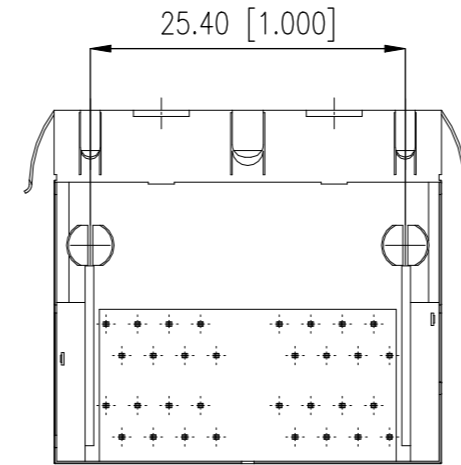
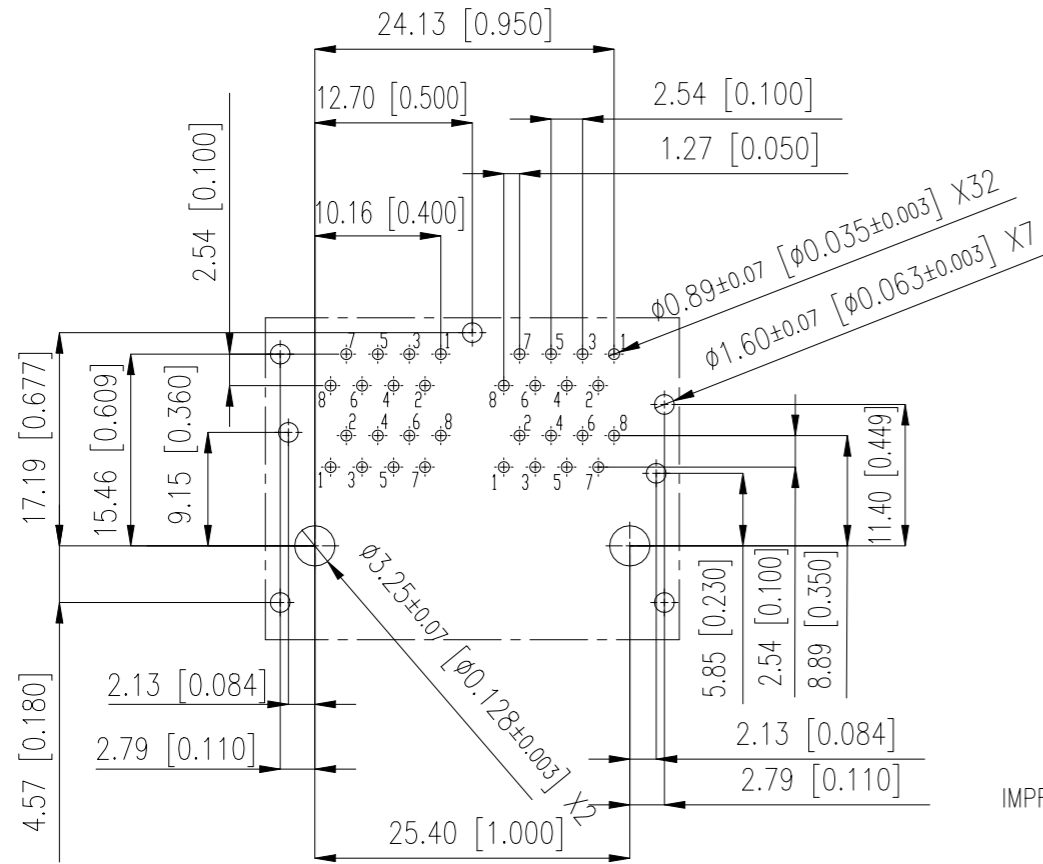
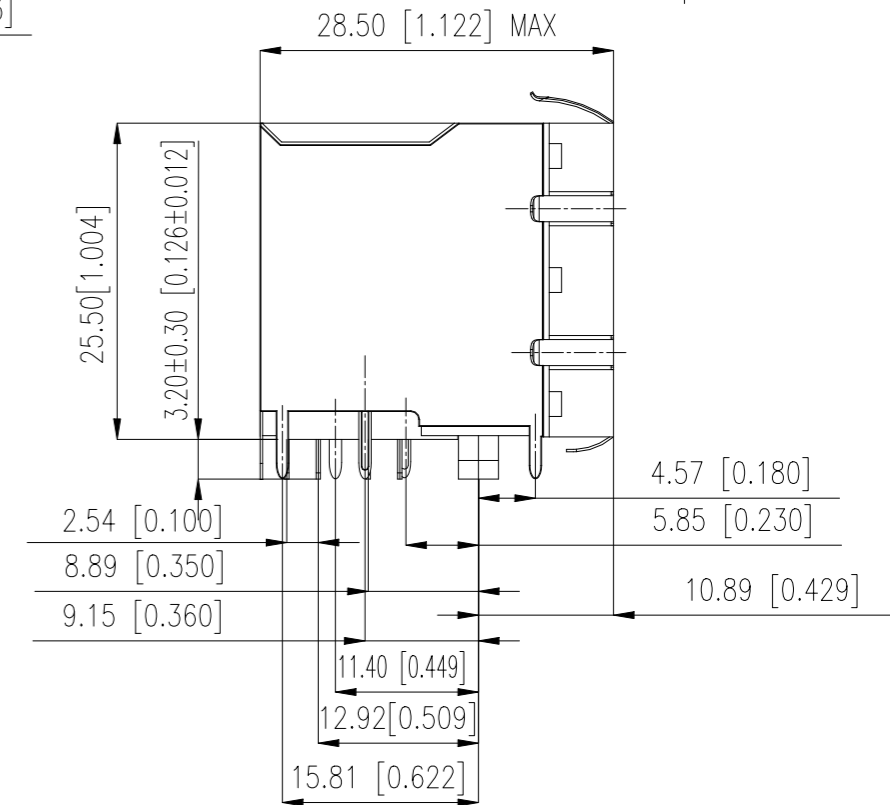
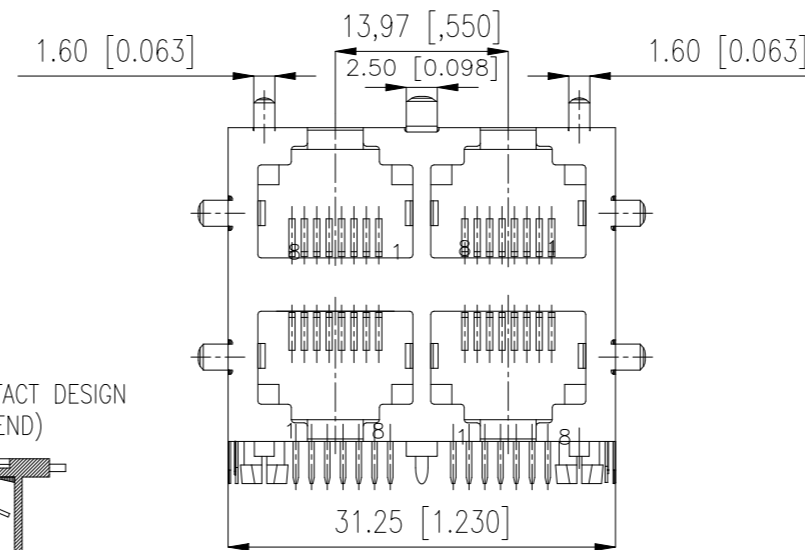
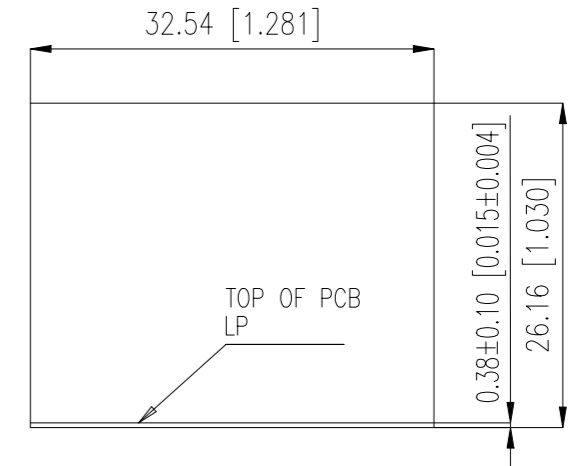


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	15NOV2022	NK	JDB

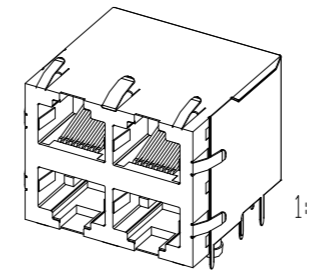
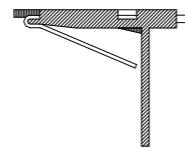
RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
 EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)
 TOL.±0.05 [0.002] UNLESS NOTED



RECOMMENDED PANEL CUTOUT
 EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



IMPROVED CONTACT DESIGN
 (PRE BEND)



Technical specifications

Materials & Finish	Standard applic.	Value	Test Data	Standard applic.	Value
Insulation body	Standard description	PBT 30%	Mechanical properties		
Contact material	Standard description	C5210 (acc.JIS)	Insertion/withdrawal force	IEC 603-7	max. 20 N
Contact finish, mating zone	Thickness of plating	30 µm Au over 50 µm Ni	Mechanical operations	IEC 512-5,9a	min. 1,000
Contact finish termination zone	Thickness of plating	80 µm matte Sn over 50 µm Ni	Effectiveness of connector		
Shell/shield material	Standard description	SUS301 (acc.JIS)	coupling device	IEC 512-8,15f	50 N
Plating shield / shielding pin		80 µm Ni / 80 µm Sn	Electrical properties		
			Creepage / clearance distances		
			a) Contact - contact	IEC 807-3	0,52 mm
			b) Contact - shell	IEC 807-3	min. 1,0 mm
			Voltage proof (Dielectric Withstand Voltage)		
			a) Contact - contact	IEC 512-2,4a	min. 1.000 V AC/DC
			b) Contact - shell/testpanel	IEC 512-2,4a	min. 1.500 V AC/DC
			Current carrying capacity	IEC 512-3,5b	1,5 A @ 25° C
			Contact resistance	IEC 512-2,2a	max. 30 mOhm
			Insulation resistance	IEC 512-2,3a	min. 500 MOhm
			Environmental properties		
			Operation temperature		0 - 70° C

NOTE 1: PANEL GROUND FLANGES TOP, BOTTOM, SIDES (GF9)
 NOTE 2: RoHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	15NOV2022	TE Connectivity MOD JACK –MJD 8P8C, 2X2	
DIMENSIONS: mm [INCHES]		CHK	17NOV2022		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	17NOV2022		
0 PLC ± -		NAME			
1 PLC ± -		PRODUCT SPEC		108-94901	
2 PLC ± -		APPLICATION SPEC		114-94805	
3 PLC ± -		WEIGHT		SIZE	A3
4 PLC ± -				CAGE CODE	00779
ANGLES ± -				DRAWING NO	C-133041-E
FINISH				RESTRICTED TO	
-		CUSTOMER DRAWING		SCALE	NTS
				SHEET	1 OF 1
				REV	A1