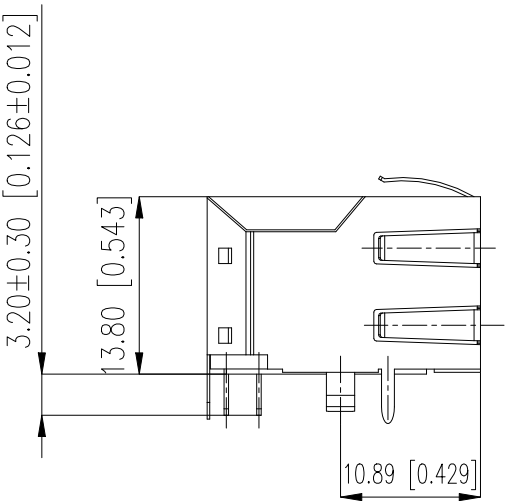
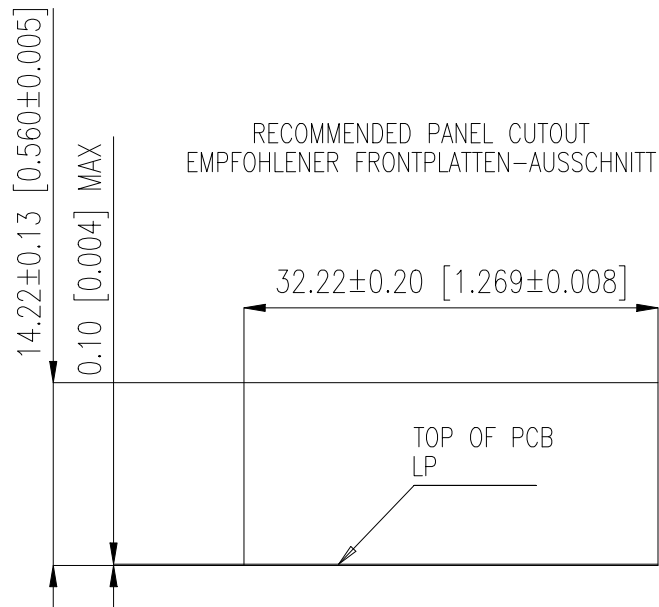
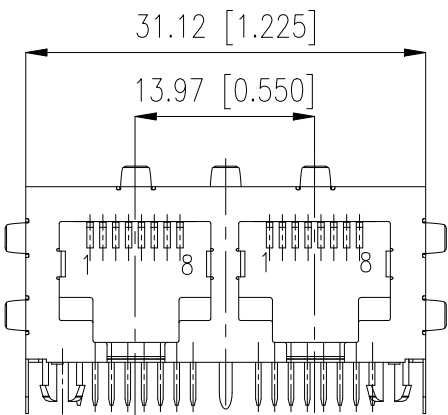
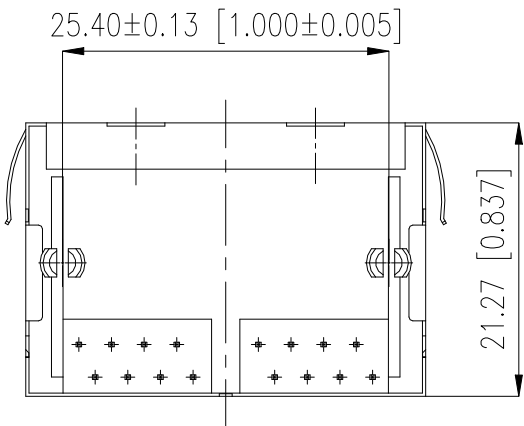
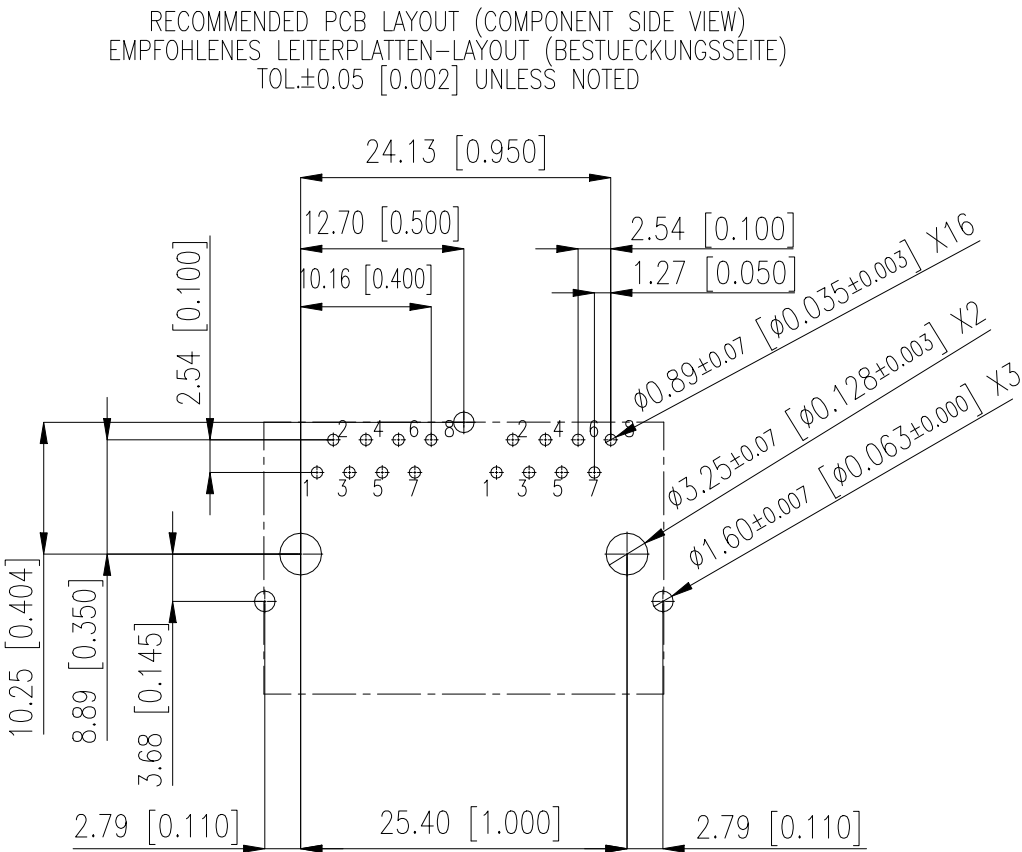
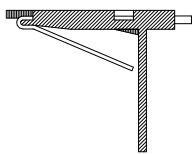


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	17NOV2022	ASB	JDB



IMPROVED CONTACT DESIGN
(PRE BEND)



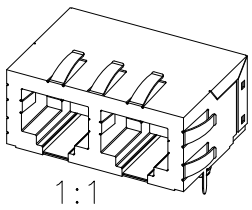
NOTE 1: PANEL GROUND FLANGES TOP AND SIDES (GF5)
NOTE 2: C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 3: RoHS COMPLIANT

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 µin Au over 50 µin Ni	Mechanical operations	IEC 512-5, 9a	min. 1,000
Contact finish termination zone	Thickness of plating	80 µin matte Sn over 50 µin Ni	Effectiveness of connector coupling device	IEC 512-8, 15f	50 N
Shell/shield material	Standard description	C2680 (acc. JIS)	Electrical properties		
Plating shield / shielding pin		50 µin Ni / 80 µin Sn	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		-40° to +85°C

Assembly process	
Packaging	Tray
Solder temperature	235°C at 3-5s
Suitable assembly process	wave

Approvals	
UL insulation body	UL 94
UL File No.	V0
RoHS compliant	E145613
	Yes



	PART NO. IDENT. NR.	TRANSMISSION REQUIREMENT ÜBERTRAGUNGSANFORDERUNG
	133921-E	CATEGORY 5
OBSOLET	133638-E	CATEGORY 5E

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S ADRUSH 17NOV2022	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK N MANTIKOU 19NOV2022			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J DE BRUIJN 19NOV2022	NAME		
PRODUCT SPEC			MOD JACK – MJR		
108-94901			8P8C, 1X2		
APPLICATION SPEC			-		
114-94805			SIZE	CAGE CODE	DRAWING NO
WEIGHT			A3	00779	C-133921-E
CUSTOMER DRAWING			SCALE	SHEET	REV
			NTS	1 OF 1	A1