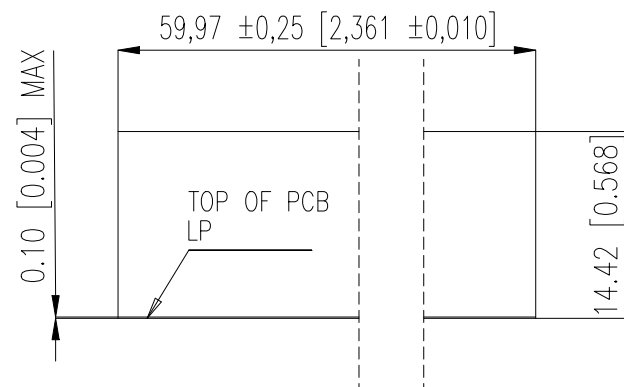
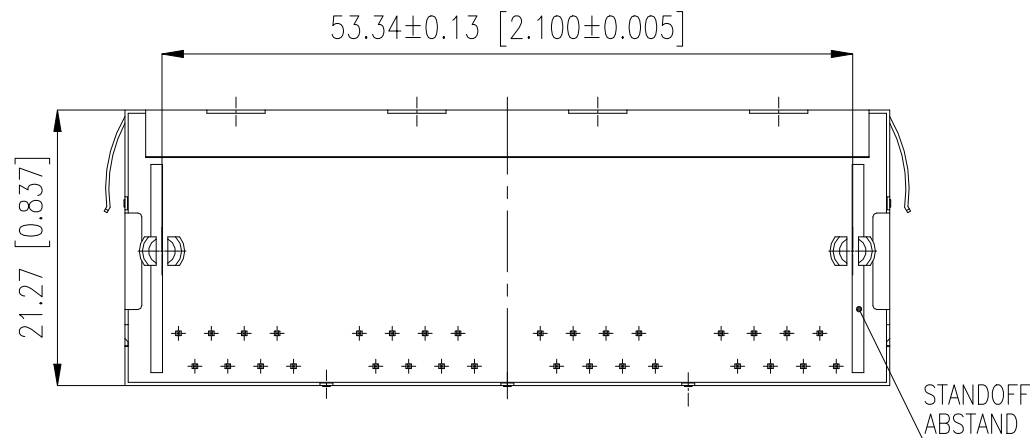
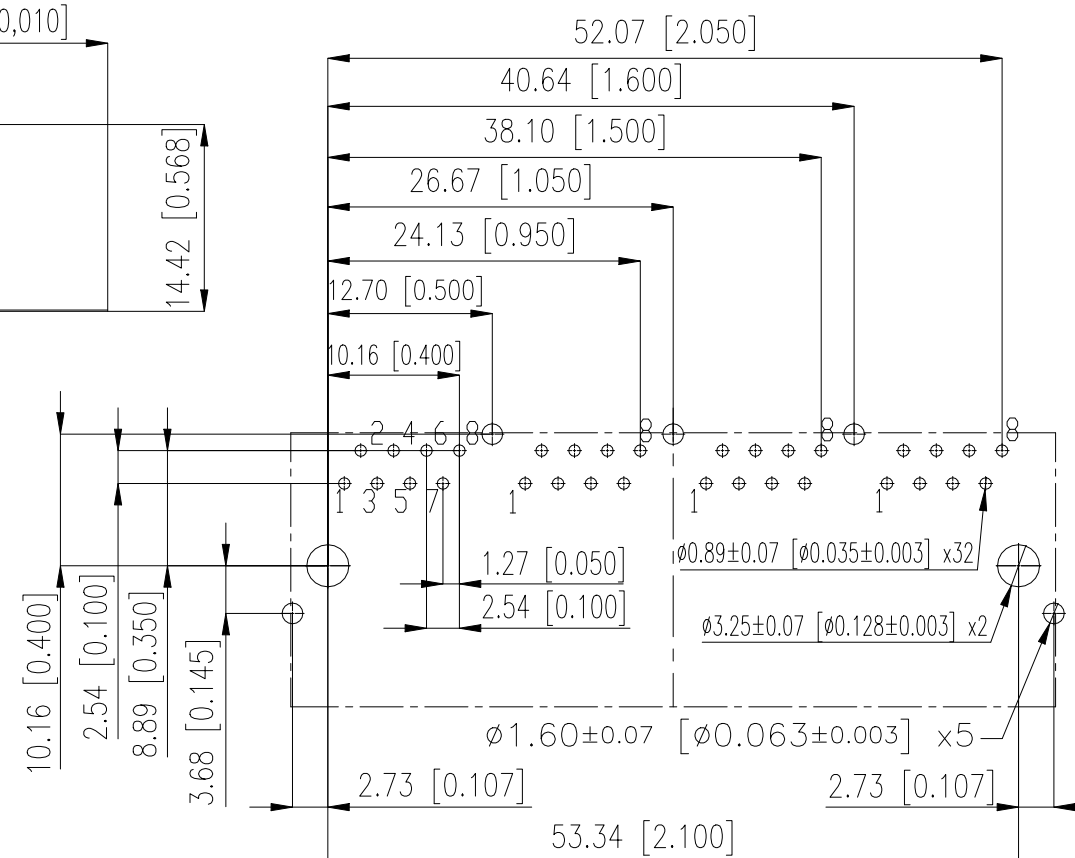
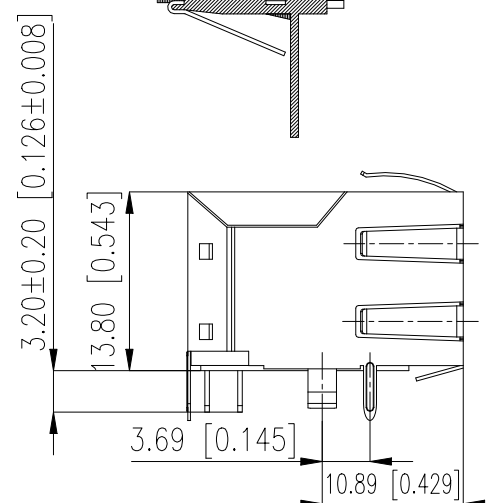
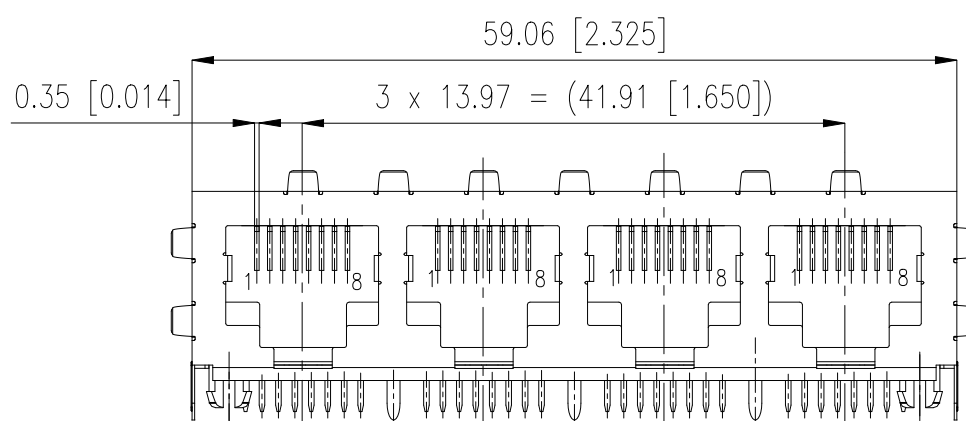
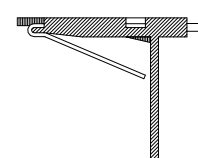


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	17NOV2022	ASB	JDB

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



IMPROVED CONTACT DESIGN
(PRE BEND)

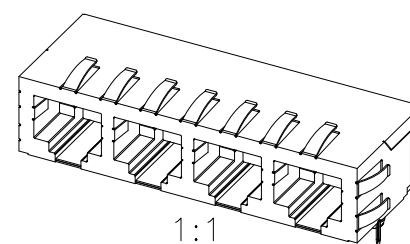


NOTE 1: PANEL GROUND FLANGES TOP, BOTTOM, SIDES (GF5)
NOTE 2: GROUNDING PIN BETWEEN EACH PORT (T)
NOTE 3: C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 4: RoHS COMPLIANT

	PART NO. IDENT. NR.	TRANSMISSION REQUIREMENT ÜBERTRAGUNGSANFORDERUNG
	133919-E	CATEGORY 5
OBSOLET	133496-E	CATEGORY 5E

Technical specifications

Materials & Finish	Standard applic.	Value	Test Data	Standard applic.	Value
Insulation body	Standard description	PBT 30%	Mechanical properties Insertion/withdrawal force Mechanical operations Effectiveness of connector coupling device	IEC 603-7	max. 20 N
Contact material	Standard description	C5210 (acc. JIS)		IEC 512-5, 9a	min. 1,000
Contact finish, mating zone	Thickness of plating	30 µin Au over 50 µin Ni			
Contact finish termination zone	Thickness of plating	80 µin matte Sn over 50 µin Ni			
Shell/shield material	Standard description	C2680 (acc. JIS)			
Plating shield / shielding pin		50 µin Ni / 80 µin Sn	Electrical properties Creepage / clearance distances a) Contact - contact b) Contact - shell	IEC 512-8, 15f	50 N 0,52 mm min. 1,0 MM
Assembly process			Voltage proof (Dielectric Withstand Voltage) a) Contact - contact b) Contact - shell/testpanel	IEC 807-3 IEC 807-3	
Packaging		Tray			
Solder temperature		235°C at 3-5s			
Suitable assembly process		wave			
Approvals					
UL insulation body	UL 94	V0		IEC 512-2, 4a	min. 1.000 V AC/DC
UL File No.		E145613		IEC 512-2, 4a	min. 1.500 V AC/DC
RoHS compliant		Yes		IEC 512-3, 5b	1,5 A @ 25° C
				IEC 512-2, 2a	max. 30 mOhm
				IEC 512-2, 3a	min. 500 MOhm
			Environmental properties Operation temperature		0 - 70° C



1:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S ADRUSH 17NOV2022		 TE Connectivity							
DIMENSIONS: mm [INCHES]		CHK N MANTIKOU 19NOV2022									
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APVD J DE BRUIJN 19NOV2022		NAME					
				PRODUCT SPEC 108-94901		MOD JACK - MJR 8P8C, 1X4 -					
MATERIAL -		FINISH -		APPLICATION SPEC 114-94805		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
				WEIGHT -		A3	00779	C-133919-E	-		
CUSTOMER DRAWING						SCALE	NTS	SHEET	1 OF 1	REV	A1