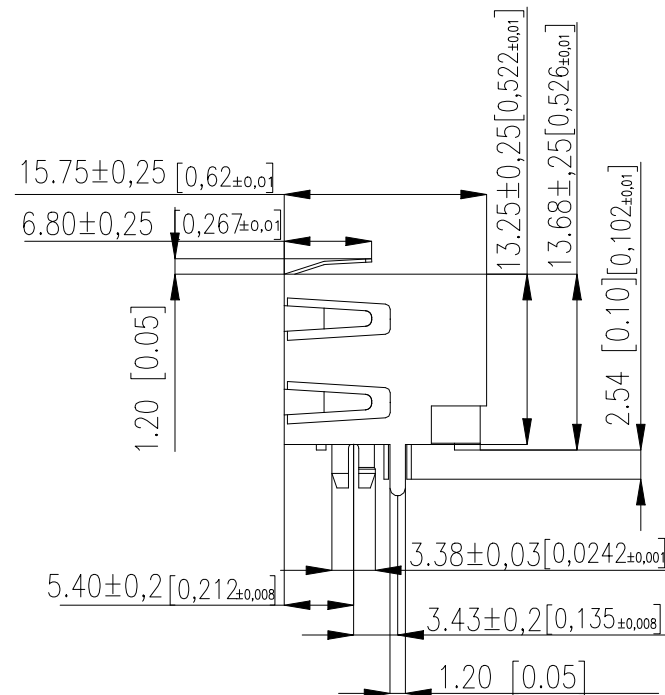
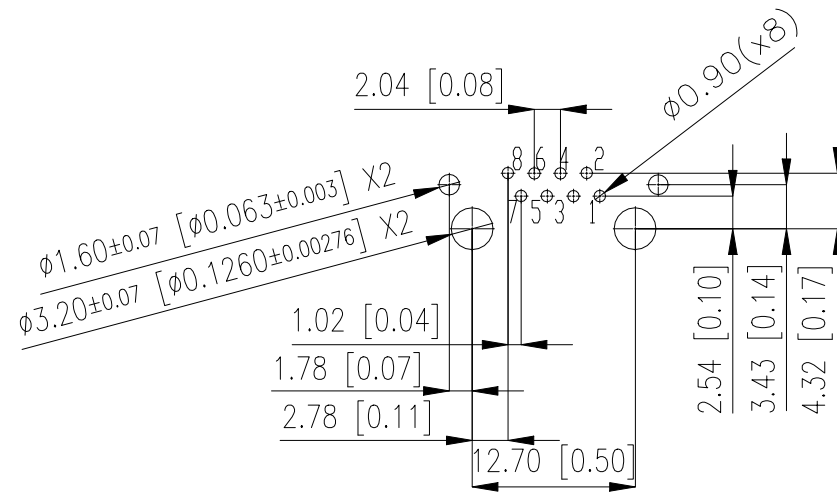
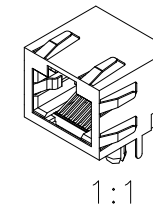
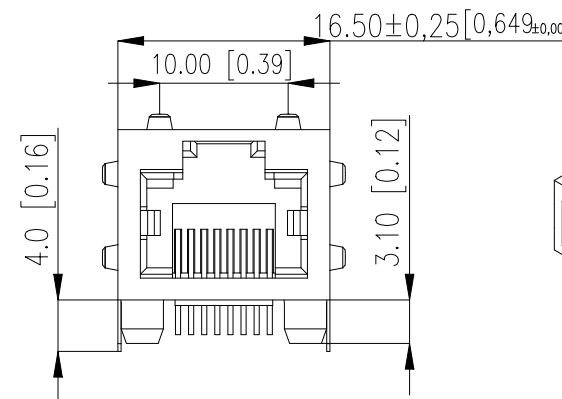
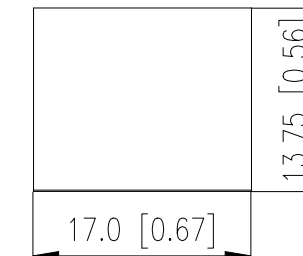
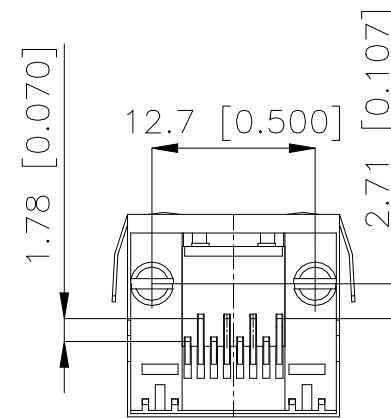


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	08NOV2022	ASB	JDB

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



RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



Technical specifications

Materials & Finish

Insulation body	PA46 GF30
Contact material	Phosphor Bronze (C5210)
Contact finish, mating zone	30µin Au
Contact finish, termination zone	Au flash
Underplating	20-50µin Ni
Shell/shield material	C2680 (acc. JIS)
Shell/shield plating	20-50µin Ni

Mechanical properties

Insertion/withdrawal force	IEC 603-7	max. 20 N
Mechanical operations	IEC 512-5, 9a	min. 1,000
Effectiveness of connector coupling device	IEC 512-8, 15f	50 N

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/ testpar	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
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Assembly Process

Packaging	Tray
Solder temperature	260°C at 3-5s
Suitable assembly process	wave

Approvals

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

Notes: Cavity confirms to FCC Rules and Regulations Part 68, Subpart F

NO.
IDENT. NR.

203530-E

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -
MATERIAL	FINISH
-	-

DWN	B S ADRUSH	08NOV2022
CHK	N MANTIKOU	10NOV2022
APVD	J DE BRUIJN	10NOV2022
PRODUCT SPEC	108-94901	
APPLICATION SPEC	114-94805	
WEIGHT	-	
CUSTOMER DRAWING		



TE Connectivity

NAME		MOD JACK- MJE	
		8P8C, 1X1	
		-	
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-203530-E	-
SCALE		SHEET	REV
NTS		1 OF 1	A1