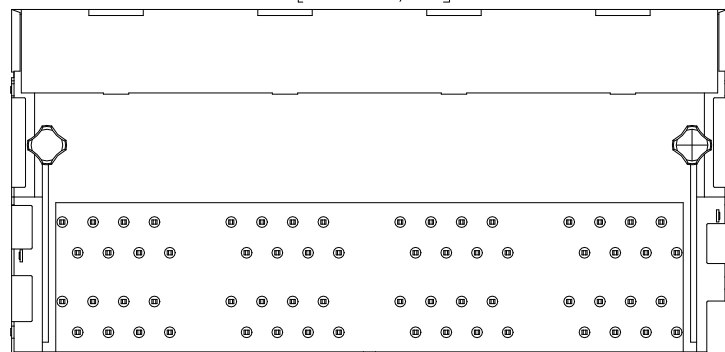
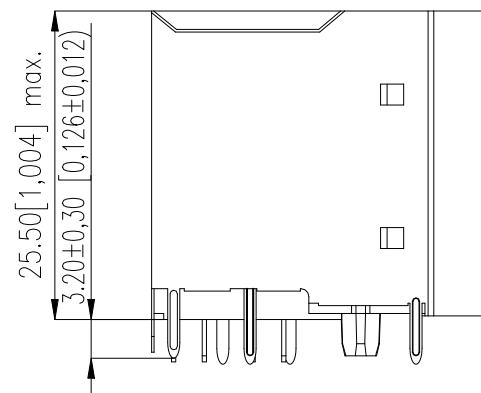
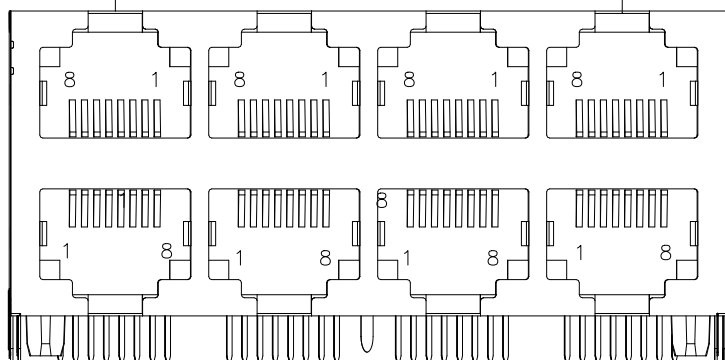
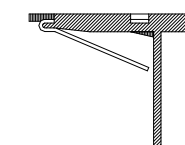


$[2,100 \pm 0,005]$ 
$$3 \times 13,97 [,550] = 41,91 [1,650]$$


IMPROVED CONTACT DESIGN
(PRE BEND)



Technical specifications

Materials & Finish

Insulation body	Standard description	PBT 30%
Contact material	Standard description	C5210 (acc.JIS)
Contact finish, mating zone	Thickness of plating	30 μ m Au over 50 μ mNi
Contact finish termination zone	Thickness of plating	80 μ m matte Sn over 50 μ m Ni
Shell/shield material	Standard description	C2680 (acc.JIS)
Plating shield / shielding pin		50 μ m Ni / 80 μ m Sn

Test Data

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

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
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Assembly process

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

Approvals

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

NOTE 1: ONE REAR GROUND PIN CENTERED
NOTE 2: C - UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 3: 3 SIDE GROUND PINS EACH SIDE; STAGGERED (S1)
NOTE 4: RoHS COMPLIANT

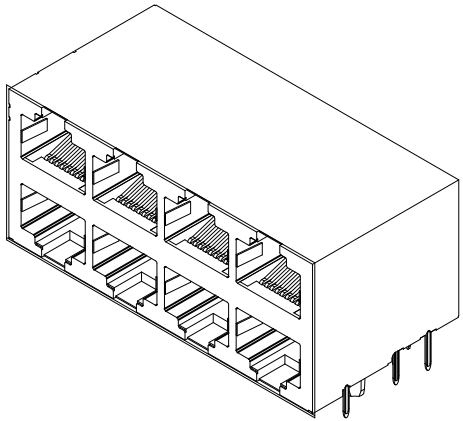
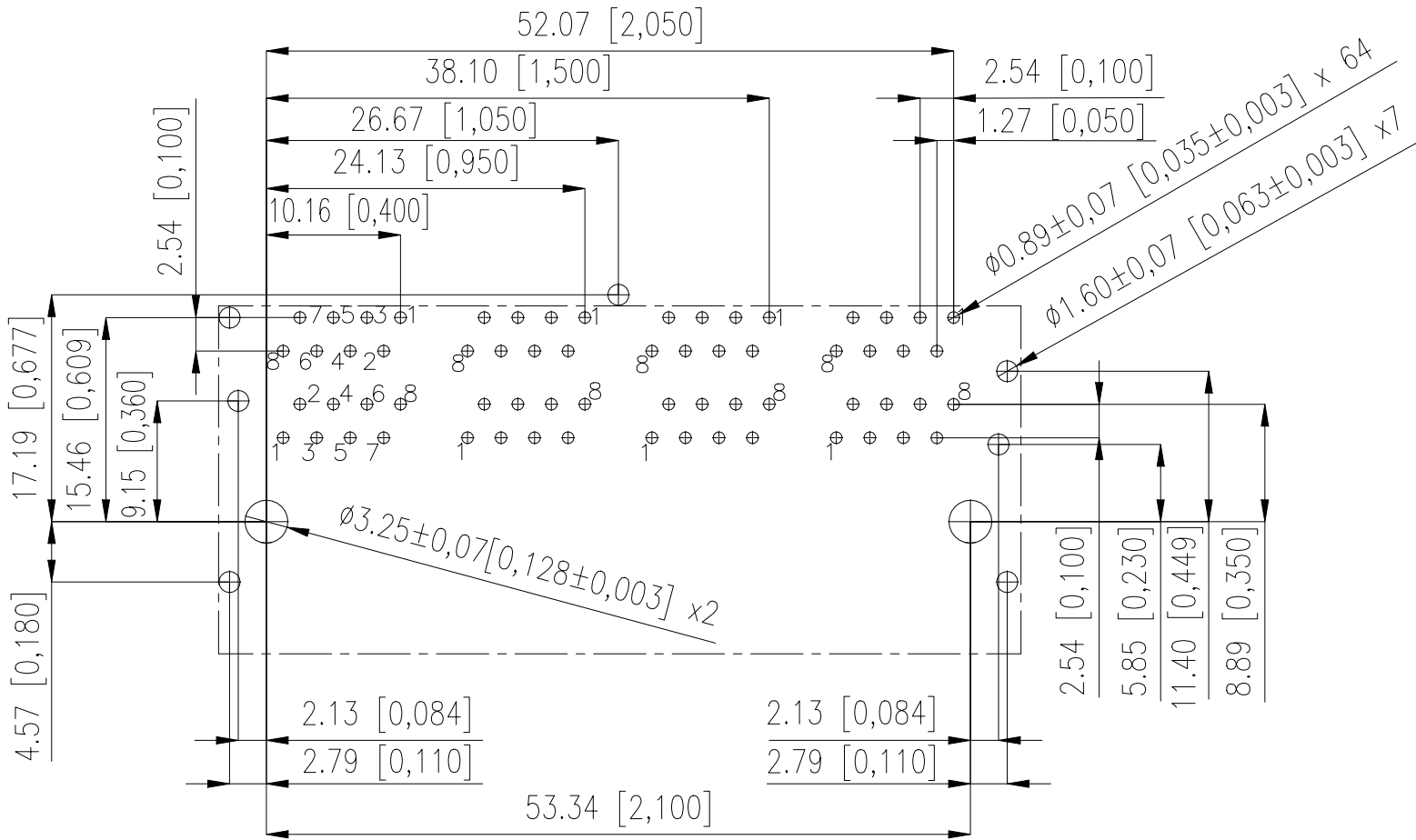
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:												
	<table border="0"> <tr> <td>0 PLC</td><td>$\pm .$</td></tr> <tr> <td>1 PLC</td><td>$\pm .$</td></tr> <tr> <td>2 PLC</td><td>$\pm .$</td></tr> <tr> <td>3 PLC</td><td>$\pm .$</td></tr> <tr> <td>4 PLC</td><td>$\pm .$</td></tr> <tr> <td>ANGLES</td><td>$\pm .$</td></tr> </table>	0 PLC	$\pm .$	1 PLC	$\pm .$	2 PLC	$\pm .$	3 PLC	$\pm .$	4 PLC	$\pm .$	ANGLES	$\pm .$
0 PLC	$\pm .$												
1 PLC	$\pm .$												
2 PLC	$\pm .$												
3 PLC	$\pm .$												
4 PLC	$\pm .$												
ANGLES	$\pm .$												
MATERIAL —	FINISH —												

DWN N K NIKHIL	30DEC2022	 TE Connectivity				
CHK N MANTIKOU	01JAN2023					
APVD J DE BRUIJN	01JAN2023					
PRODUCT SPEC 108-94901		NAME MOD Jack - MJD 8P8C, 2x4, CATEGORY 5 —				
APPLICATION SPEC 114-94805						
WEIGHT —		SIZE A3	CAGE CODE 00779	DRAWING NO C-133044-E	RESTRICTED T —	
CUSTOMER DRAWING				SCALE NTS	SHEET 1 OF 2	REV A 1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N K NIKHIL 30DEC2022	 TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK N MANTIKOU 01JAN2023	NAME MOD Jack – MJD 8P8C, 2x4, CATEGORY 5 —			
		APVD J DE BRUIJN 01JAN2023				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC 108-94901	SIZE A3			
		APPLICATION SPEC 114-94805				
		MATERIAL —	FINISH —	WEIGHT —	DRAWING NO C-133044-E	
CUSTOMER DRAWING			SCALE NTS	SHEET 2 of 2	REV A1	