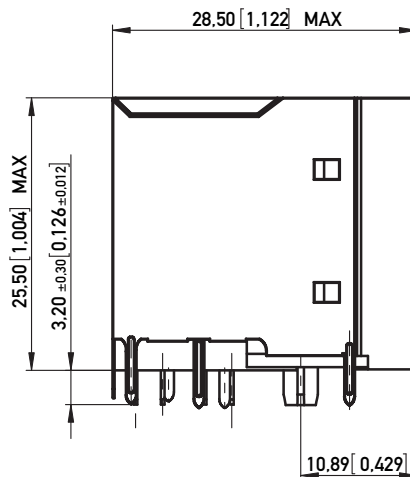
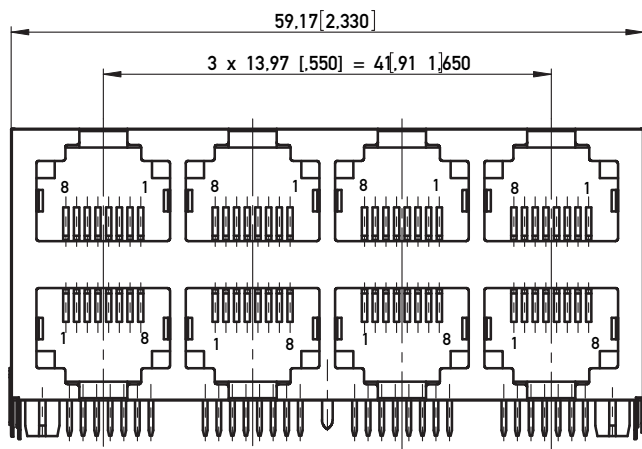
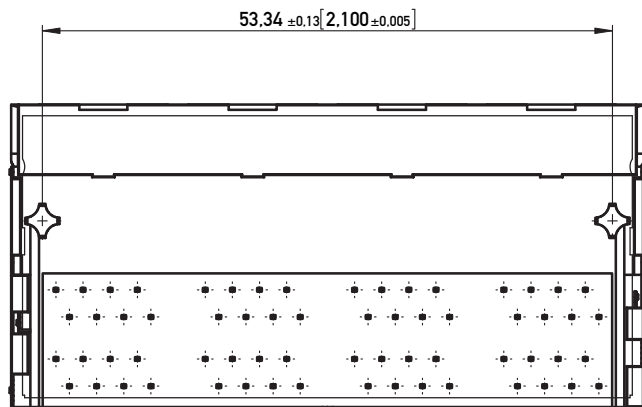
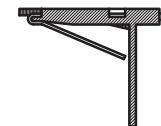




IMPROVED CONTACT DESIGN
(PRE BEND)



Technical specifications

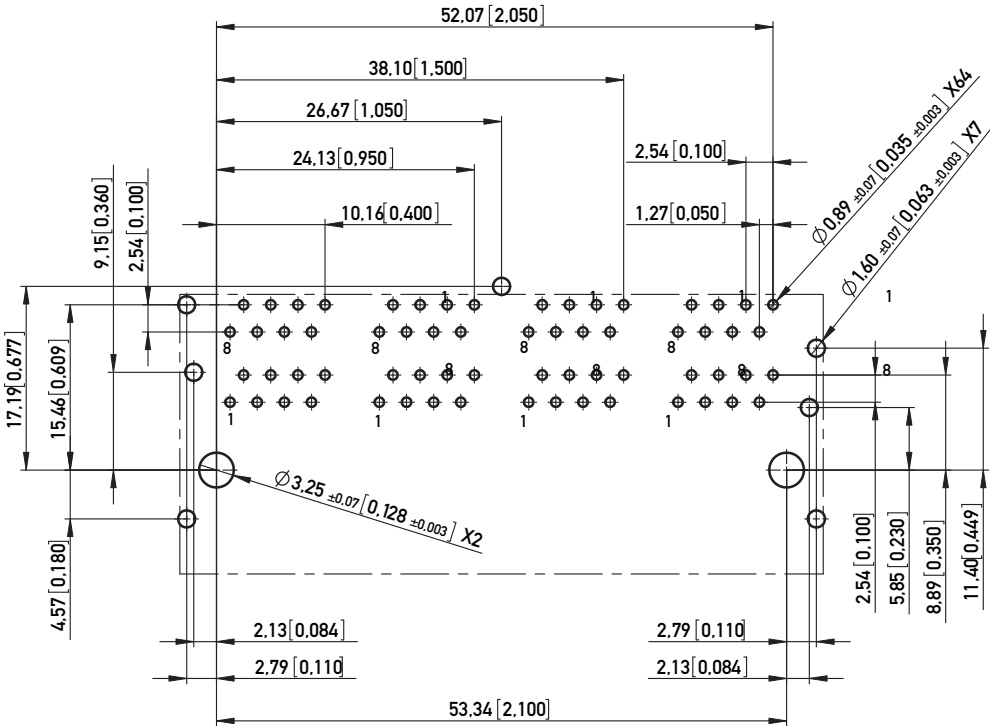
Materials & Finish		Standard applic.	Value	Test Data		Standard applic.	Value
Insulation body		Standard description	PA66	Mechanical properties			
Contact material		Standard description	C5210 (acc. JIS)	Insertion/withdrawal force		IEC 603-7	max. 20 N
Contact finish, mating zone		Thickness of plating	30 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	SUS304/C2680 (acc. JIS)	Electrical properties			
Shell/shield plating		Thickness of plating	50 µ Ni	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: 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

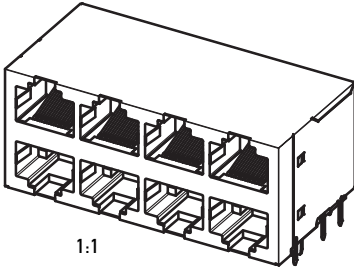
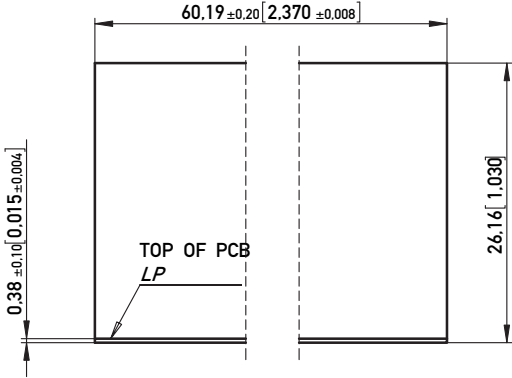
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Information:				Tolerances				Scale		2:1		
						All Dimensions in mm[in]						
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						MOD JACK - MJD						
						8P8C, 2X4, CATEGORY 5						
A			18.05.2007					www.ERNI.com		133044		I(1/2)
Index			Date					Class		MJ		A3

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



RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



Information:	Tolerances	 All Dimensions in mm [in]	Scale	2:1	
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			MOD JACK - MJD <i>8P8C, 2X4, CATEGORY 5</i>		
				133044	
				I(2/2)	
				A3	
		Class		MJ	