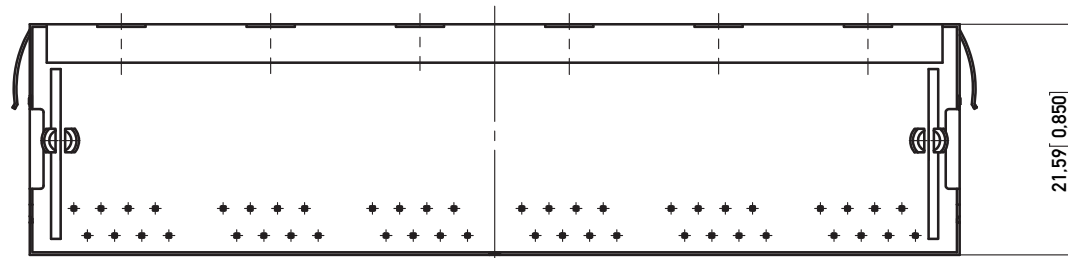
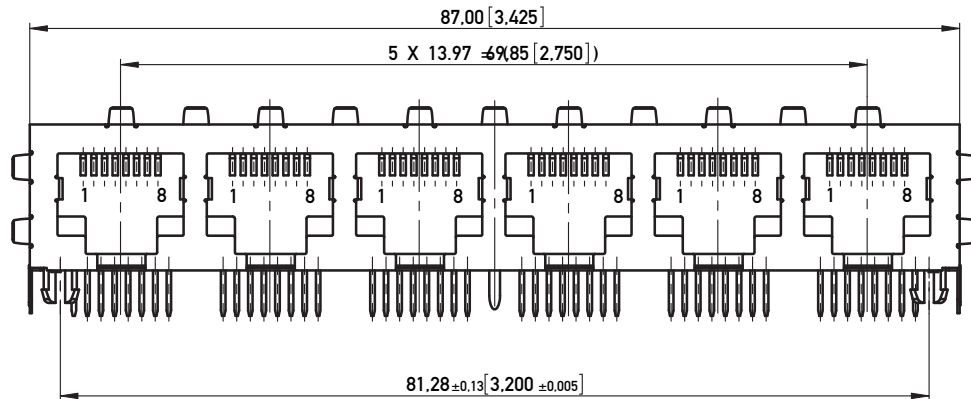
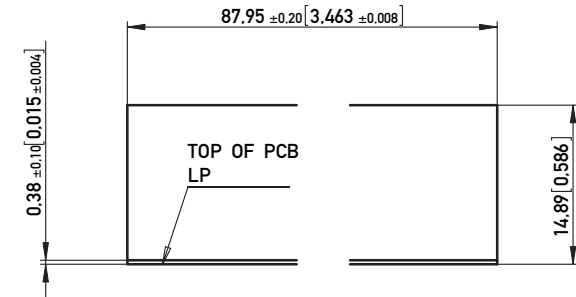
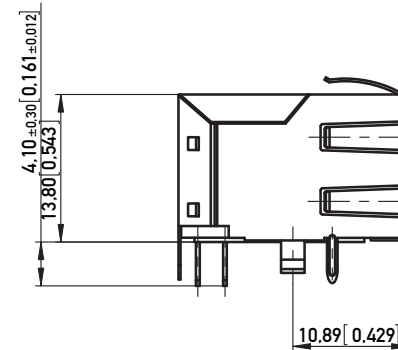
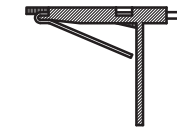




RECOMMENDED PANEL CUTOUT EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



IMPROVED CONTACT DESIGN (PRE BEND)



- NOTE 1: SIDE SHIELD PINS IN FRONT (3,68mm)
NOTE 2: ONE REAR GROUNDING PIN CENTERED
NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)
NOTE 4: C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 5: RoHS COMPLIANT

PART NO. IDENT. NR.	TRANSMISSION REQUIREMENT ÜBERTRAGUNGSANFORDERUNG		
133221	CATEGORY 5		
Information:		Tolerances	Scale 2:1
All rights reserved. Only for Information. To insure that this is the latest version of this drawing, please contact one of the ERNI companies before using.		 All Dimensions in mm(in)	Designation
Subject to modification without prior notice. Drawing will not be updated.		MOD JACK - MJR 8P8C, 1X6	
A		04.07.2007	133869
Index		Date	A3
Class		MJ	

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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		
Shell/shield material	Standard description	C2680 (acc. JIS)	coupling device	IEC 512-8, 15f	50 N
Shell/shield plating	Thickness of plating	50 µin Ni	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/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	

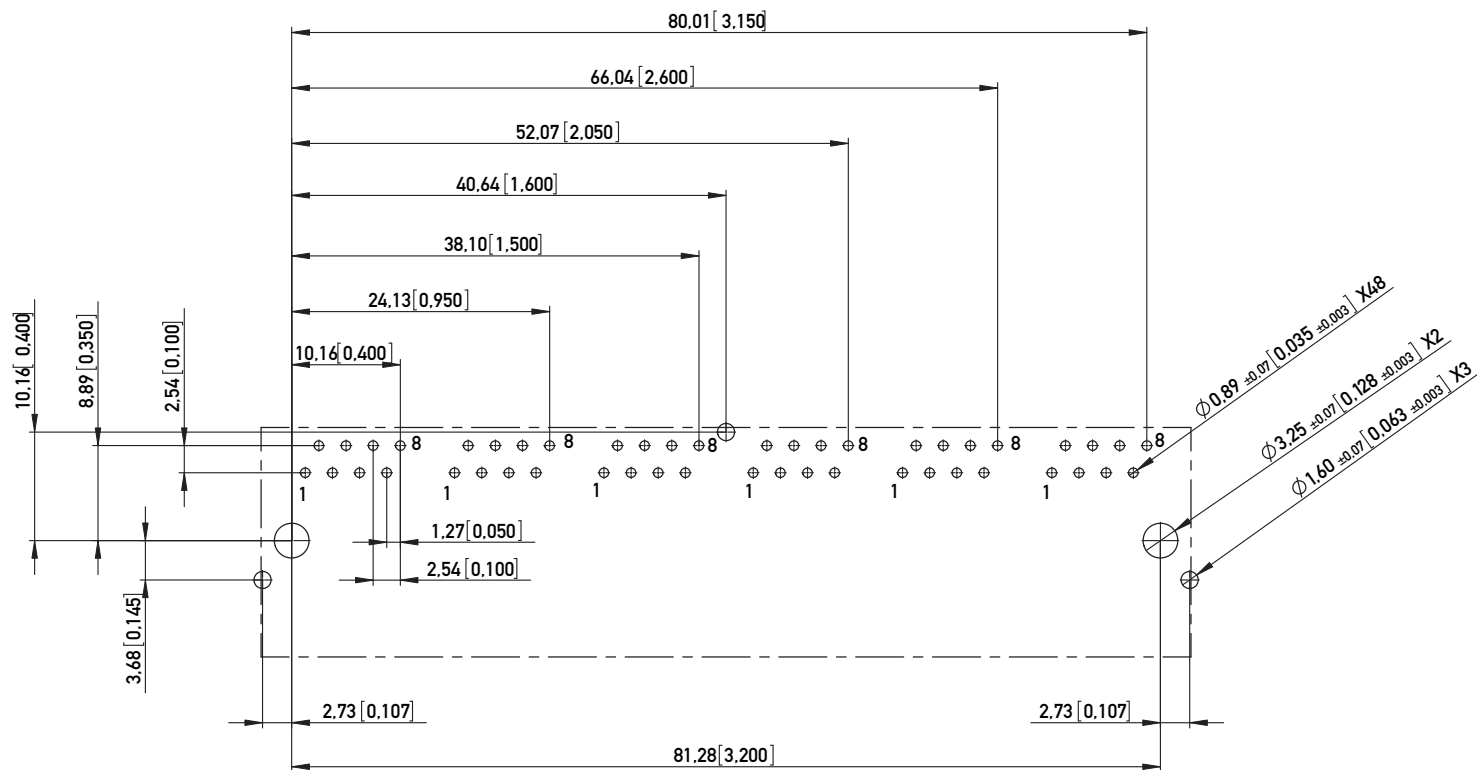
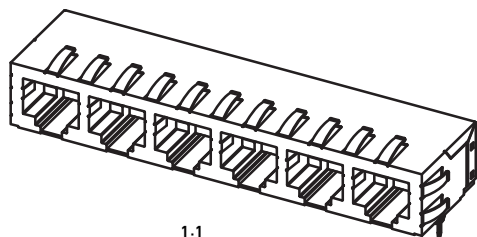
Assembly process

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

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



1:1

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Information:				Tolerances		 All Dimensions in mm [in]		Scale		2:1			
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						MOD JACK - MJR 8P8C, 1X6							
						www.ERNI.com		133869				I (2/2)	
Index				Date				Class		MJ		A3	