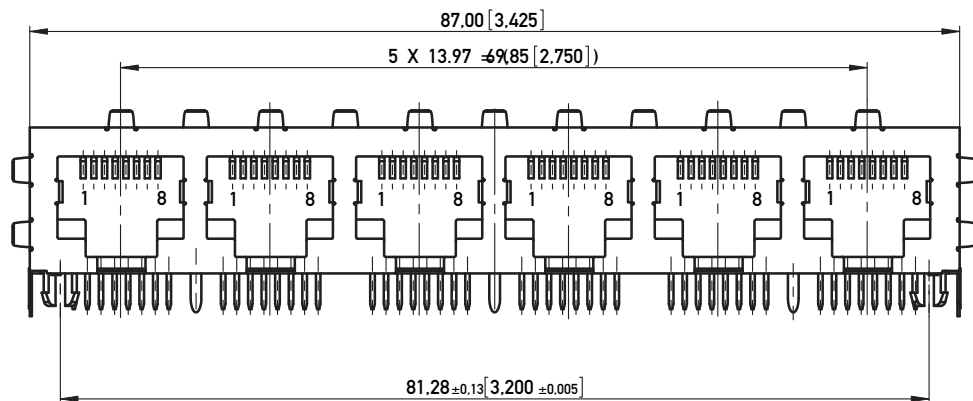
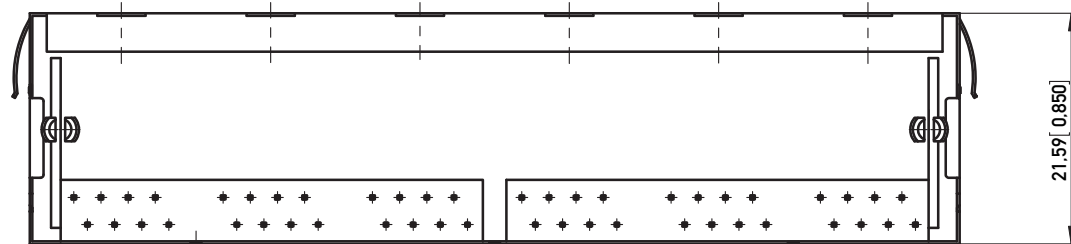
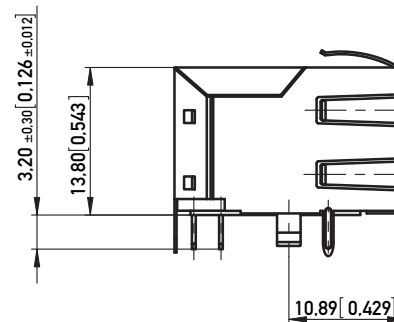
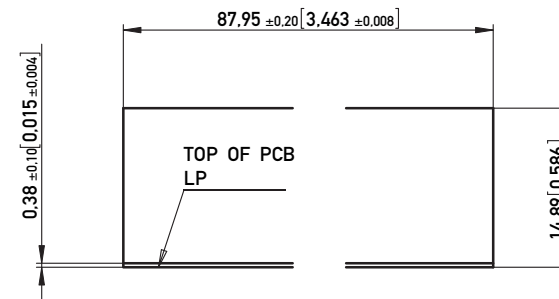
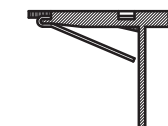




RECOMMENDED PANEL CUTOUT EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



IMPROVED CONTACT DESIGN (PRE BEND)



Technical specifications

Materials & Finish

Standard applic. Value

Insulation body	Standard description	PBT 30%
Contact material	Standard description	C5210 (acc. JIS)
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)
Shell/shield plating	Thickness of plating	50 µin Ni

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	

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 mm

Voltage proof (Dielectric Withstand Voltage)

a) Contact - contact	IEC 512-2, 4a	min. 1.000 VDC/VAC
b) Contact - shell/testpanel	IEC 512-2, 4a	min. 1.500 VDC/VAC
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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NOTE 1: SIDE SHIELD PINS IN FRONT (3,68mm)

NOTE 2: REAR GROUNDING PINS BETWEEN EVERY OTHER PORT (P)

NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)

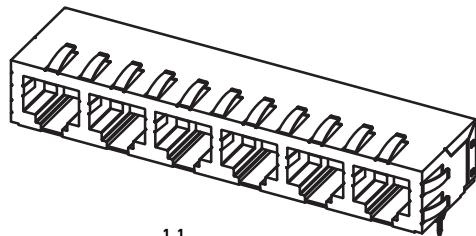
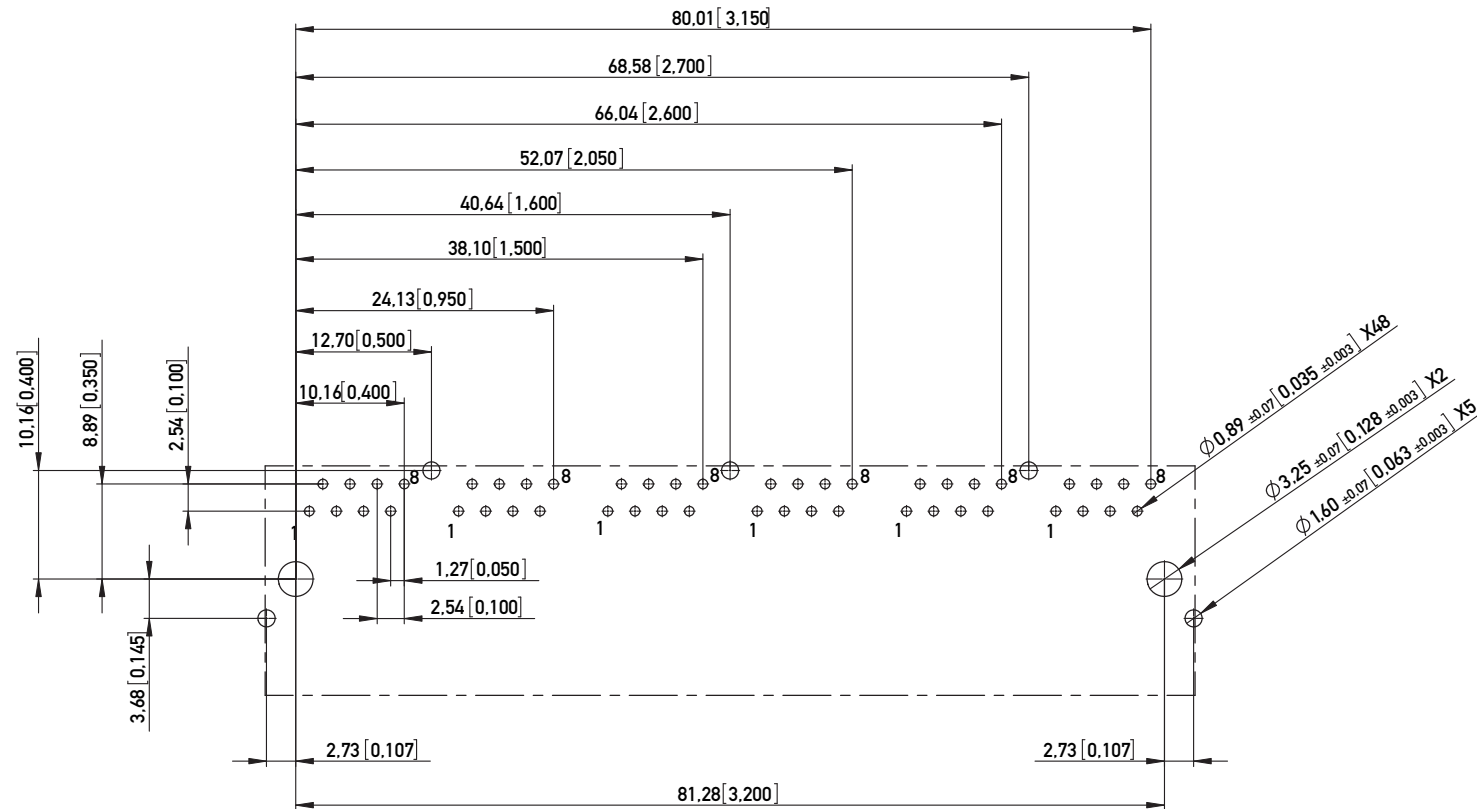
NOTE 4: C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS

NOTE 5: RoHS COMPLIANT

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Information:				Tolerances		 All Dimensions in mm[in]		Scale		2:1	
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A		28.06.2007				www.ERNI.com				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



1:1

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		www.ERNI.com		133785		I(2/2)	
Index		Date			Class	MJ	A3