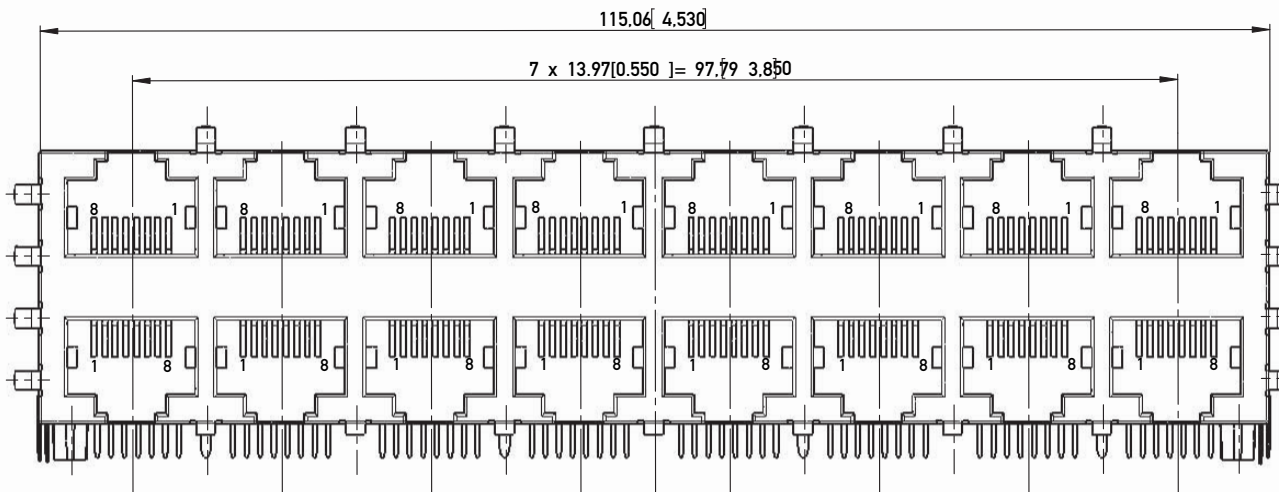
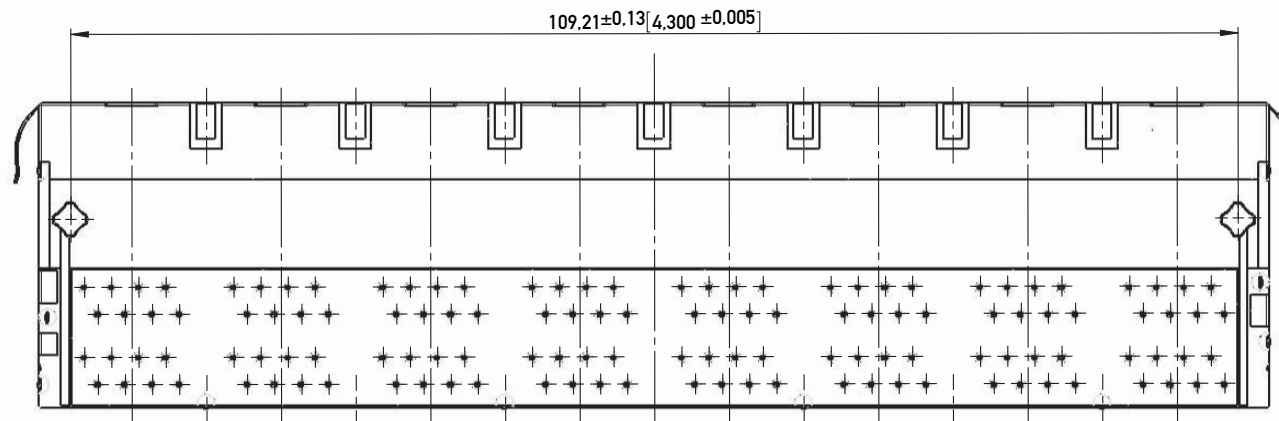
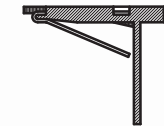
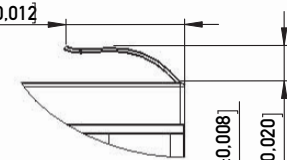




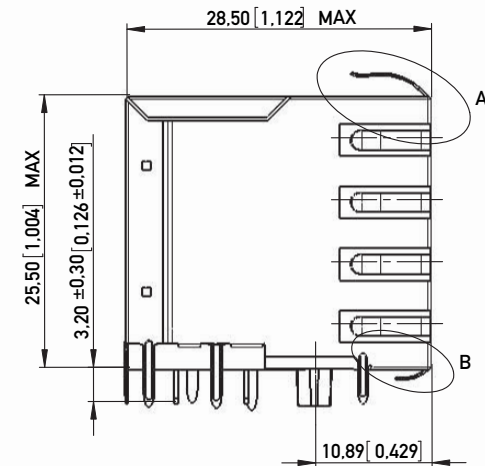
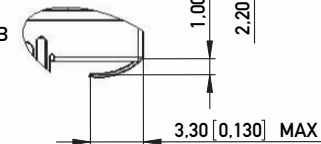
IMPROVED CONTACT DESIGN
(PRE BEND)



DETAIL A
3 : 1



DETAIL B
3 : 1



Technical specifications

Materials & Finish

Standard applic.	Value
Insulation body	Standard description PA 66
Contact material	Standard description CS210 (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 10s
Suitable assembly process	wave

Approvals

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

Test Data	Standard applic.	Value
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/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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NOTE 1: PANEL GROUND FLANGES, TO BOTTOM, SIDES - 4 FLANGES (GF10)

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

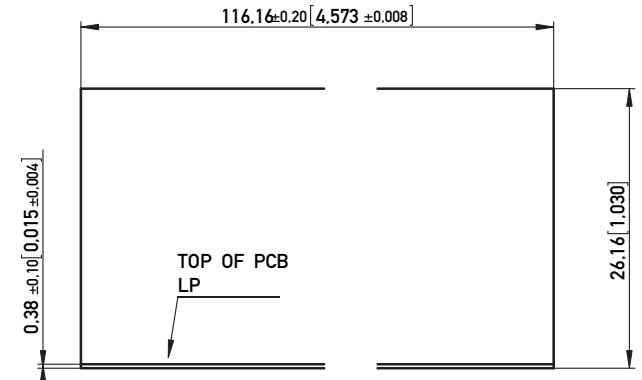
NOTE 3: 3 SIDE GROUND PINEACH SIDE; STAGGERED (S1)

NOTE 4: RoHS COMPLIANT

Information:	Tolerances	Scale 2:1	
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H	26.06.2007	www.ERNI.com	133035 (1/2)
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RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



Information:				Tolerances		 All Dimensions in mm[in]		Scale		2:1	
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