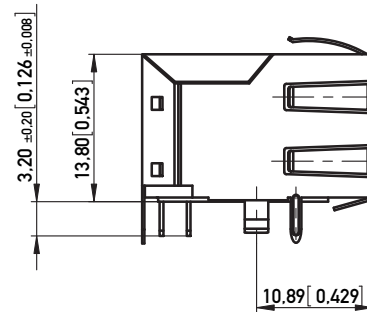
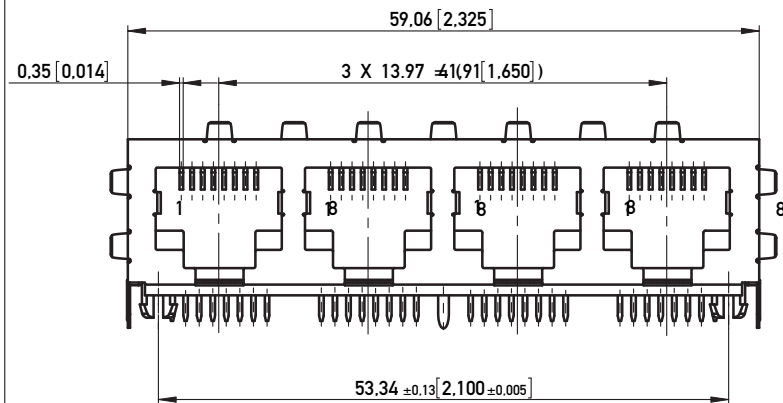
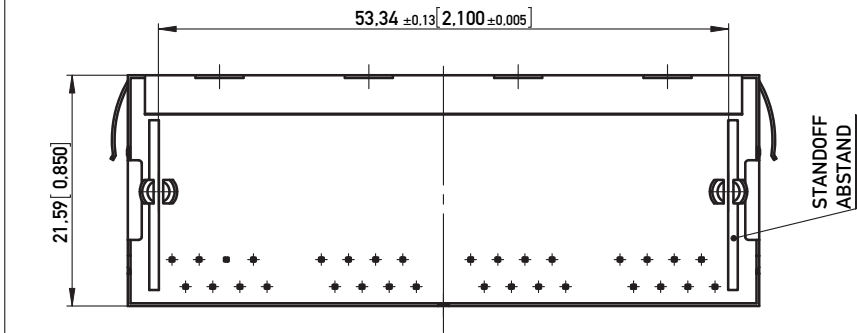
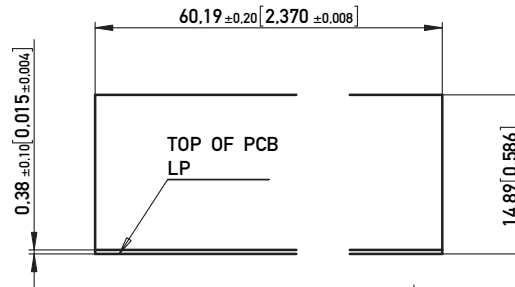
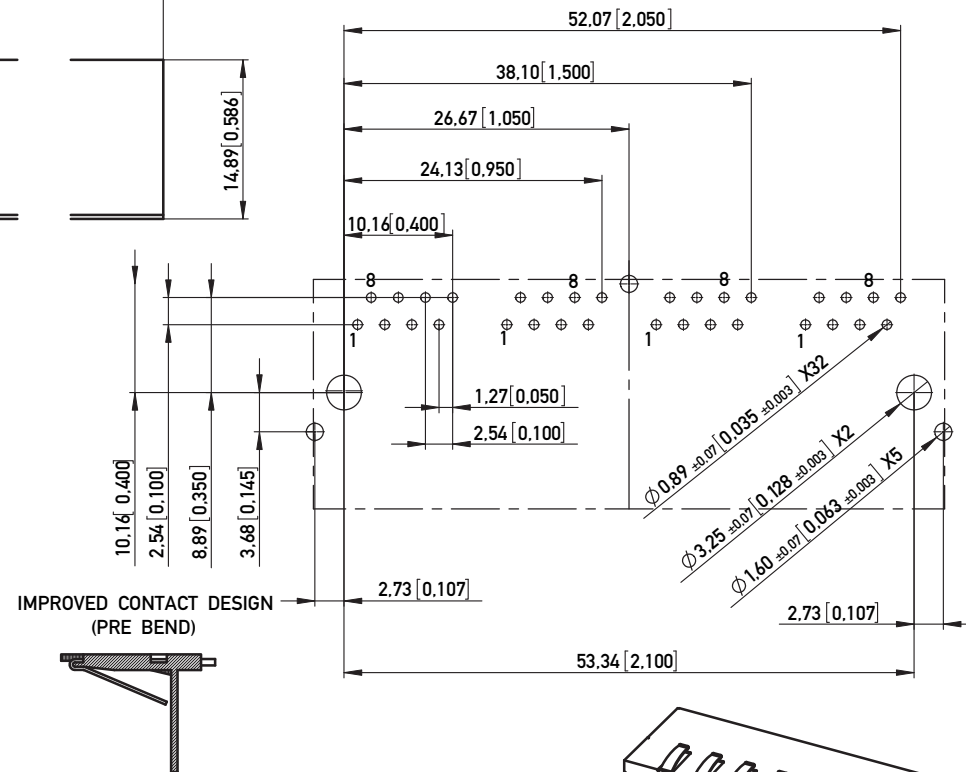




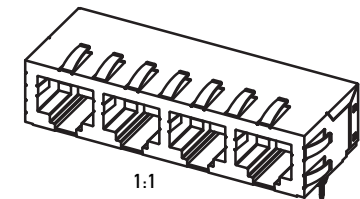
RECOMMENDED PANEL CUTOUT EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



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



- NOTE 1: SIDE SHIELD PINS IN FRONT (3.68 mm)
NOTE 2: ONE REAR GROUNDING PIN
NOTE 3: PANEL GROUND FLANGES TOP, BOTTOM, SIDES (GF5)
NOTE 4: RoHS COMPLIANT



1:1

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	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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PART NO. IDENT. NR.	TRANSMISSION REQUIREMENT ÜBERTRAGUNGSANFORDERUNG	CONTACT DESIGNE	
133209	CATEGORY 3/4	N.A.	
133218	CATEGORY 5	Improved contact Design (pre Bend)	
Information:		Tolerances ISO 2768-m DIN 7167	Scale 2:1
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A		04.07.2007	
Index		Date	
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		Class	MJ

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