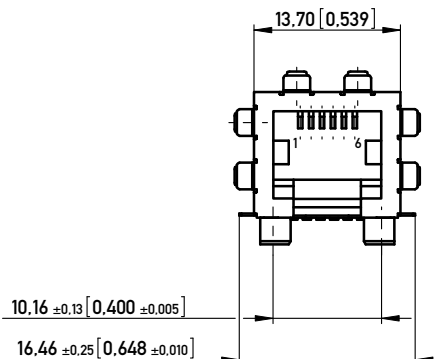
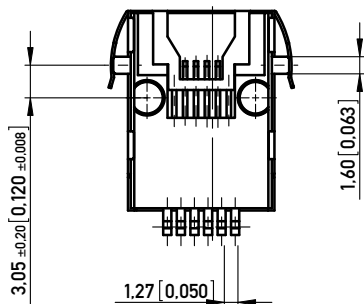
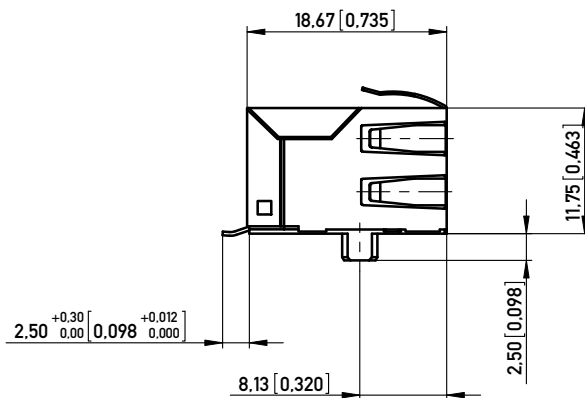
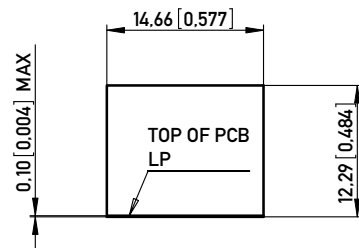
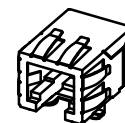
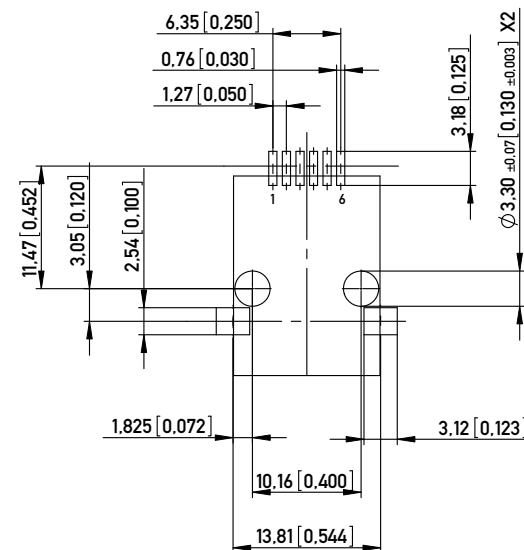




RECOMMENDED PANEL CUTOUT EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

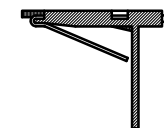


RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW) EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE) TOL. ±0.05 [0.002] UNLESS NOTED



1:1

IMPROVED CONTACT DESIGN (PRE BEND)



Technical specifications

Materials & Finish	Standard applic.	Value
Insulation body	Standard description	PA46 30%
Contact material	Standard description	CuSn8
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	CuZn32
Shell/shield plating	Thickness of plating	50 µin Ni

Assembly process

Packaging	Tray
Solder temperature	260°C at 3-5s
Suitable assembly process	reflow

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. 0.1 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	-40 - +85° C
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NOTE 1: PANEL GROUNDFLANGES TOP. SIDES (GF5)

NOTE 2: C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS

NOTE 3: RoHS COMPLIANT

Information:		Tolerances	 All Dimensions in mm[in]	Scale	2:1
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				MOD JACK - MJLS 6P6C, 1X1, SMT	
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d	26.05.2010	Date		A3	
Index				Class MJ	

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