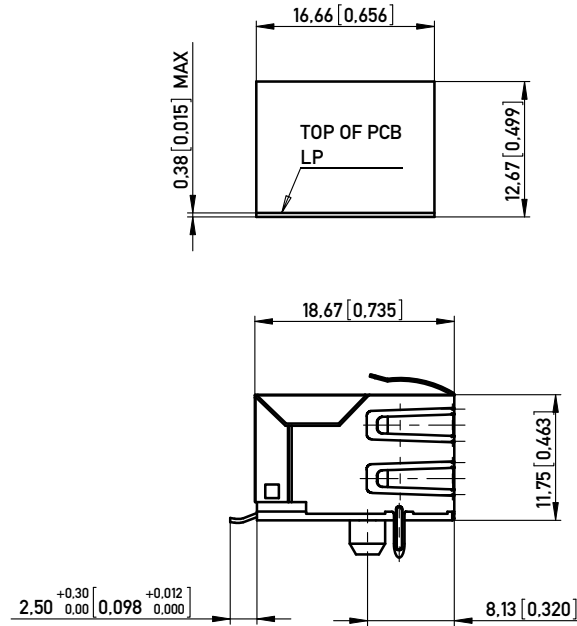
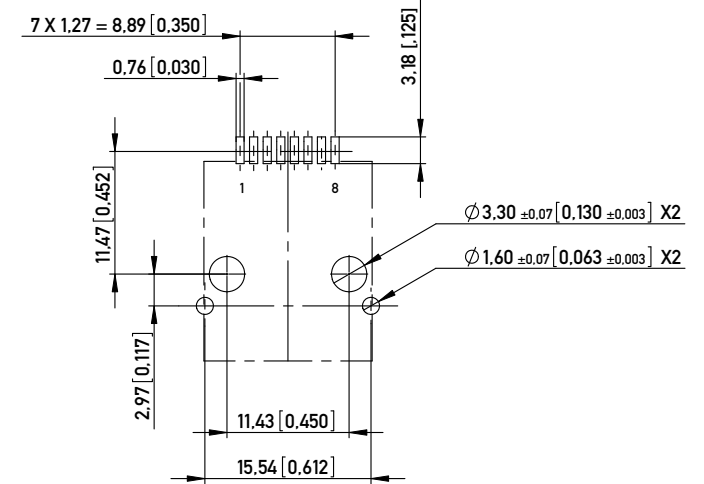


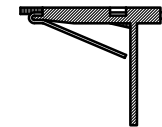
RECOMMENDED PANEL CUTOUT
EMPFÖHLENER FRONTPLATTEN-AUSSCHNITT



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



IMPROVED CONTACT DESIGN
(PRE BEND)



Technical specifications

Materials & Finish	Standard applic.	Value
Insulation body	Standard description	PA46 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	Value
Packaging	Tray
Solder temperature	260°C at 3-5s
Suitable assembly process	reflow

Approvals	Value
UL insulation body	UL 94
UL File No.	V0
RoHS compliant	E145613
	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		-40°C to +85°C

NOTE 1: WITH PEGS, SIDE GROUNDING PINS AND SMT TERMINALS
NOTE 2: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)
NOTE 3: RoHS COMPLIANT



1:1

Information:		Tolerances Fraction Decimals Angles X X ±0.50 ± 1° X X ±0.50 ± 1° X XXX ±0.10	Scale 2:1
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c	21.10.2010	Class MJ	
Index	Date		

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