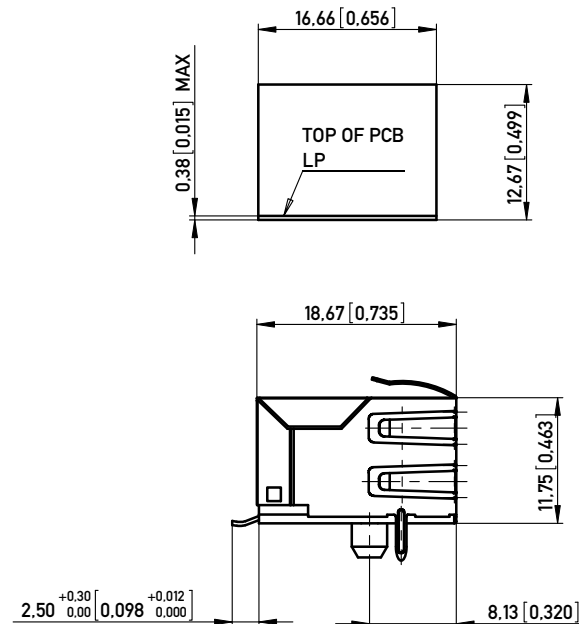
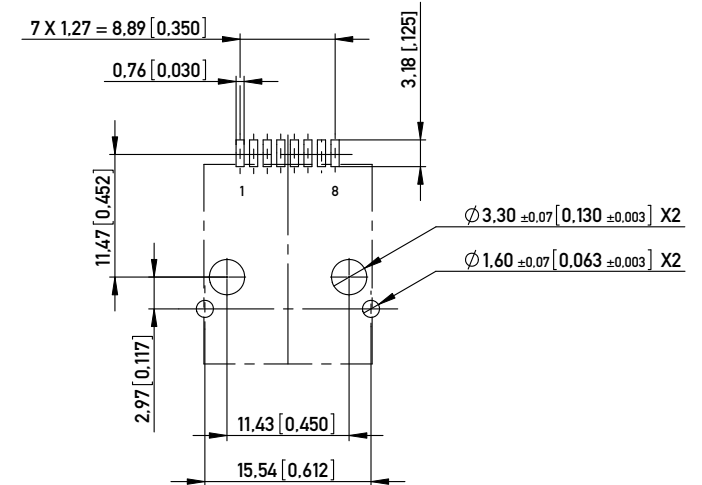


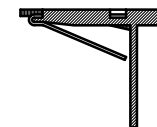
RECOMMENDED PANEL CUTOUT EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW) EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE) 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

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

Mechanical properties

	Standard applic.	Value
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

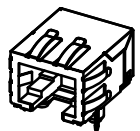
Environmental properties

Operation temperature	-40°C to +85°C
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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

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Information:				Tolerances Fraction Decimals Angles X X.X X.XX X.XXX X.X X.XX X.XXX X.XXX X.XXX X.XXX X.XXX X.XXX		 All Dimensions in mm [in]		Scale 2:1			
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						MOD JACK - MJLS 8P8C, 1X1 SMT					
						133288					
c		21.10.2010		 www.ERNI.com				(1/1)		A3	
Index		Date									
Proprietary notice pursuant to ISO 16116 to be observed.						Class		M J			