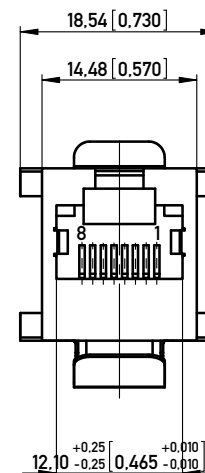
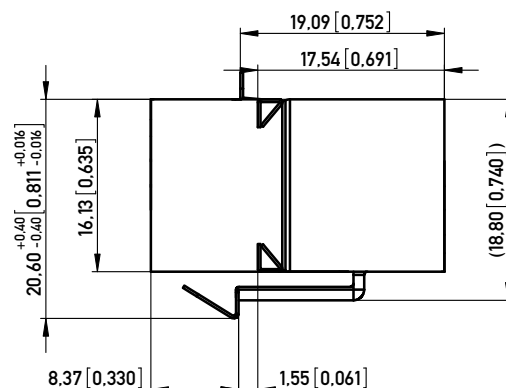
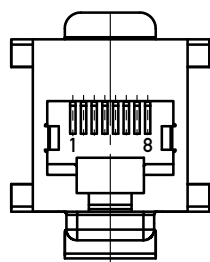
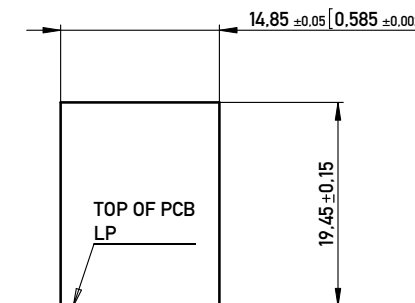
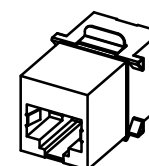
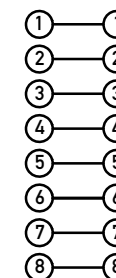


RECOMMENDED PANEL CUTOUT EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



WIRING DIAGRAM



1:1

NOTE 1 : C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 2 : RECOMMENDED PANEL THICKNESS 1.6 mm [0.062"]
NOTE 3 : RoHS COMPLIANT

PART NO. IDENT. NR.	CONTACT FINISH OBERFLÄCHEN- BEHANDLUNG
133421	0.8µm Au [30µin], OVER Ni

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	N.A.
Shell/shield material	Standard description	SUS301 (acc. JIS)
Shell/shield plating	Thickness of plating	50 µin Ni

Assembly process

Packaging	Bag
Solder temperature	N.A.
Suitable assembly process	N.A.

Approvals

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

Test Data	Standard applic.	Value
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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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Information:	Tolerances	Scale 2:1	Designation
All rights reserved. Only for Information. To insure that this is the latest version of this drawing, please contact one of the ERNI companies before using.	Subject to modification without prior notice. Drawing will not be updated.	All Dimensions in mm [in]	MOD JACK - MJC 8P8C, COUPLER, SHIELDED
C	18.09.2008	www.ERNI.com	133942
Index	Date	Class	MJ

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