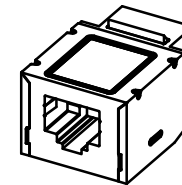
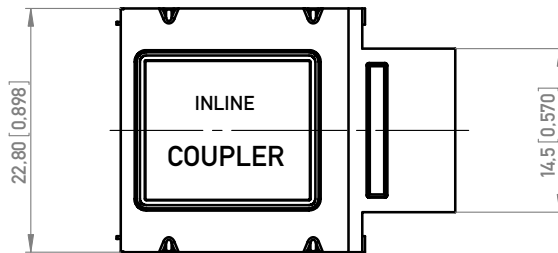
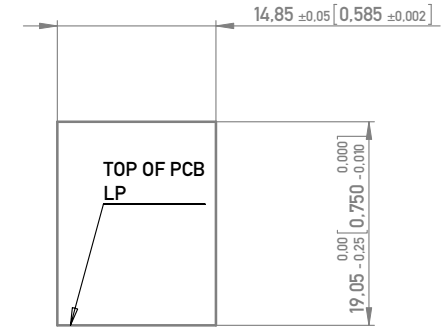
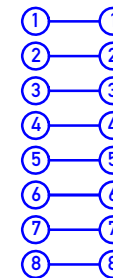


RECOMMENDED PANEL CUTOUT  
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

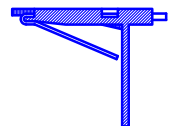


1:1

WIRING DIAGRAM



IMPROVED CONTACT DESIGN  
(PRE BEND)



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	C2680 (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
<b>Mechanical properties</b>		
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

<b>Electrical properties</b>		
<b>Creepage / clearance distances</b>		
a) Contact - contact	IEC 807-3	0.52 mm
b) Contact - shell	IEC 807-3	min. 1.0 mm
<b>Voltage proof (Dielectric Withstand Voltage)</b>		
a) Contact - contact	IEC 512-2, 4a	min. 1.000 VDC/VAC
b) Contact - shell/testpanel	IEC 512-2, 4a	min. 1.500 VDC/VAC
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

<b>Environmental properties</b>		
Operation temperature		0 - 70° C

NOTE 1 : RECOMMENDED PANEL THICKNESS 1.6 mm [0.062"]

NOTE 2 : RoHS COMPLIANT

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Information:	Tolerances	Scale 2:1	
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			<b>MOD JACK MJC INLINE COUPLER, CAT 5 e</b>
	<b>ERNI</b> www.ERNI.com	<b>133513</b>	I (1/1) A3
B	10.07.2008		
Index	Date		
Class		MJ	