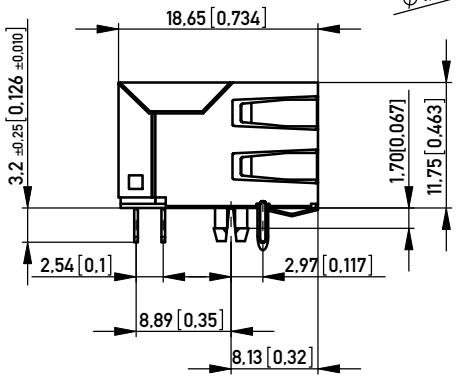
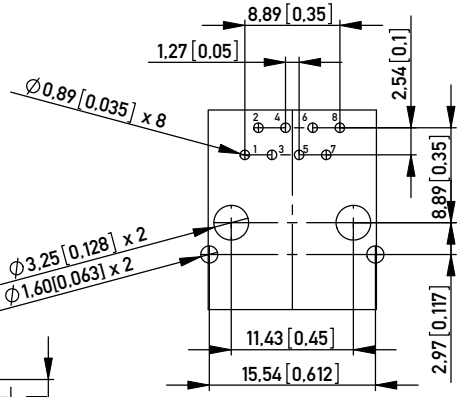
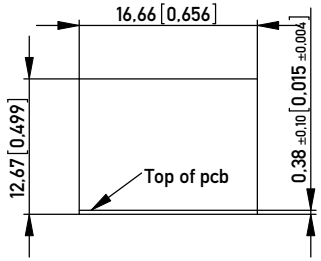




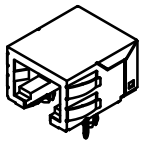
RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)
TOL. ±0.05 [0.002] UNLESS NOTED



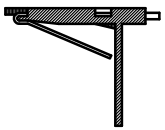
RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



NOTE 1: PANEL GROUND FLANGES BOTH SIDES AND BOTTOM
NOTE 2: SIDE SHIELDING TAPS IN FRONT



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	see chart
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		235°C at 3-5s
Suitable assembly process		wave
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. 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

Part No. Ident-Nr.	Contact finish Oberflächenbehandlung
133269	30µm Au over 50µm Ni

Information:

Tolerances
Fraction Decimals Angles
X ±0.50 ± 1°
X.X ±0.38
X.XX ±0.25
X.XXX ±0.10

All Dimensions in mm

Scale 2:1

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Subject to modification without prior notice.
Drawing will not be updated.

Designation

MOD JACK - MJLS

1x1, 8P8C, SHIELDED

ERNI www.ERNI.com

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c		21.10.2010	

Class MJIM