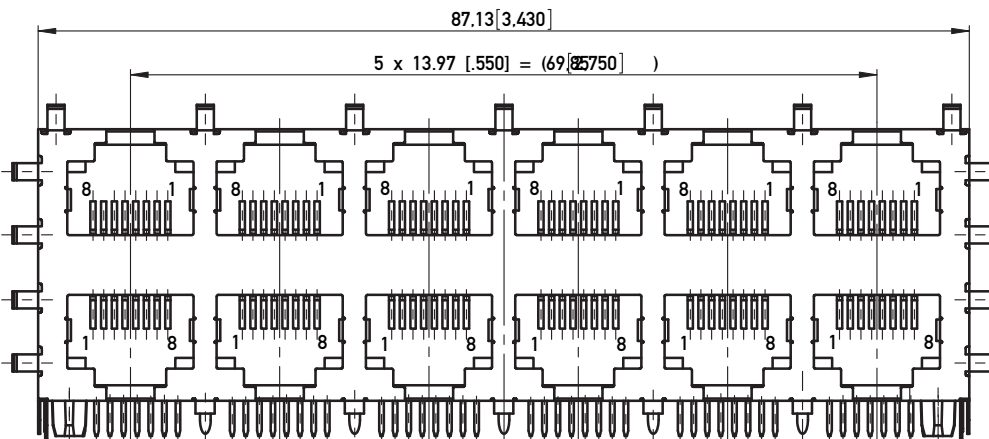
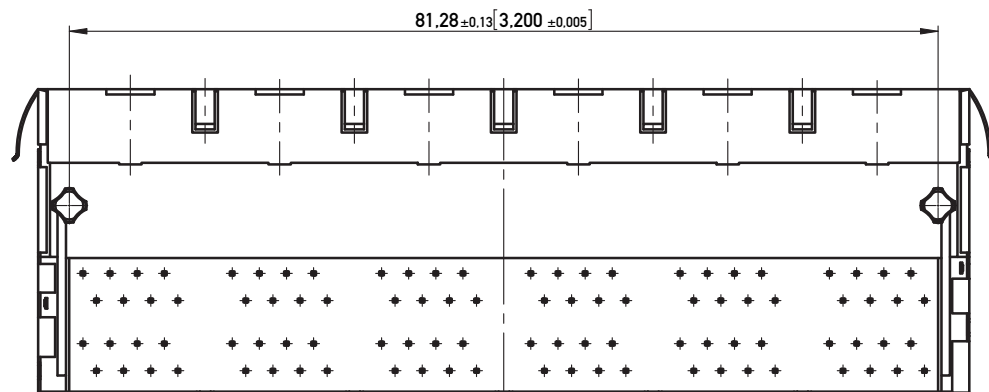
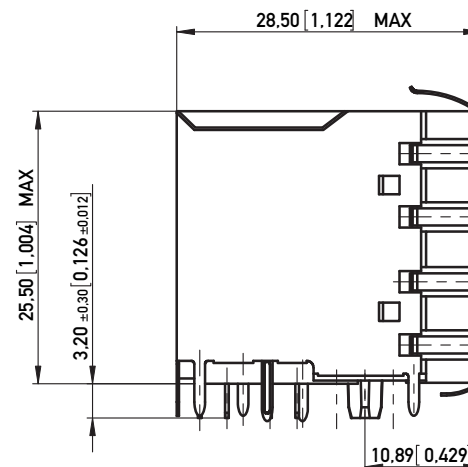
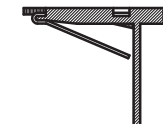




IMPROVED CONTACT DESIGN
(PRE BEND)



- NOTE 1: PANEL GROUND FLANGES TOP, BOTTOM, SIDES (GF9)
NOTE 2: GROUNDING PIN BETWEEN EACH PORT (T)
NOTE 3: 3 SIDE GROUND PIN EACH SIDE, STAGGERED (S1)
NOTE 4: RoHS COMPLIANT

Technical specifications

Materials & Finish

Standard applic. Value

Insulation body	Standard description	PA66
Contact material	Standard description	CuSn8
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	X3CrNiN17-8
Shell/shield plating	Thickness of plating	N.A.

Assembly process

Packaging	Tray
Solder temperature	235°C at 10s
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. N.A.
Mechanical operations	IEC 512-5, 9a	min. 1.000
Effectiveness of connector coupling device	IEC 512-8, 15f	N.A.

Electrical properties

Creepage / clearance distances

a) Contact - contact	IEC 807-3	0,52 mm
b) Contact - shell	IEC 807-3	N.A.

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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PART NO.
IDENT. NR.

TRANSMISSION REQUIREMENT
ÜBERTRAGUNGSANFORDERUNG

133076

CATEGORY 5E

Information:

Tolerances



Scale 2:1

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Designation

MOD JACK - MJD
8P8C, 2X6

133888

I (1/2)

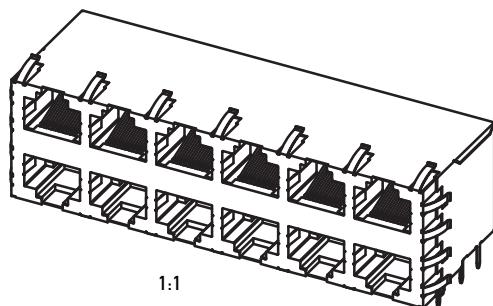
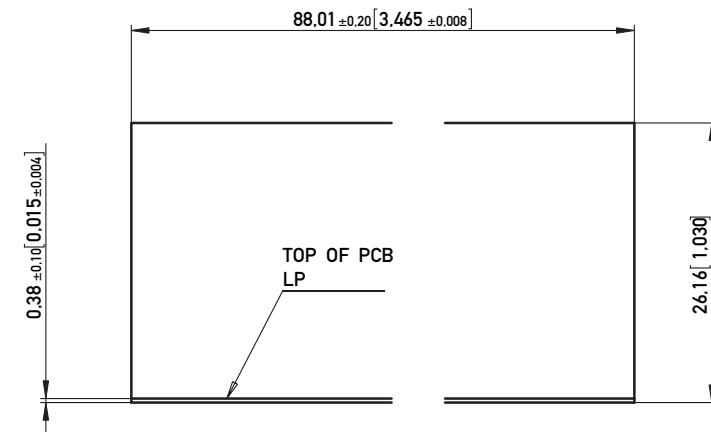
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B	09.07.2007
Index	Date

Class MJ

RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



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Information:	Tolerances		 All Dimensions in mm [in]		Scale	2:1
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Index		Date		 www.ERNI.com	Class	133888 MXXM I
						I (2/2) A3