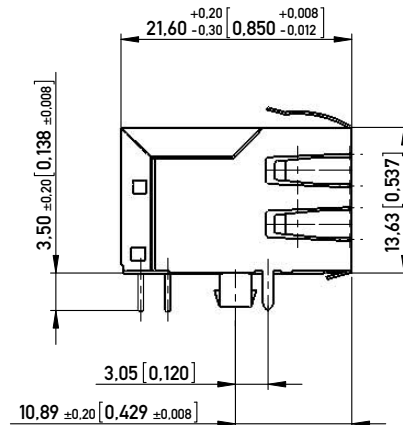
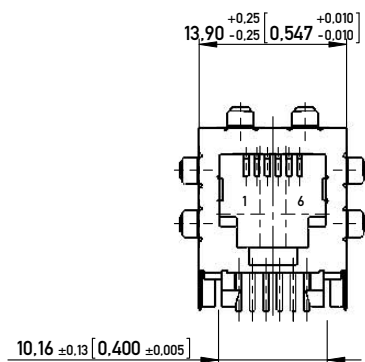
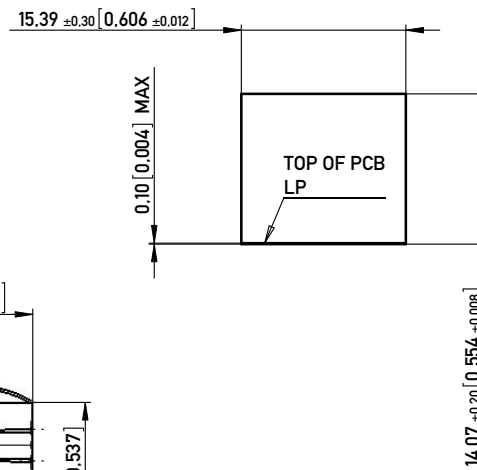


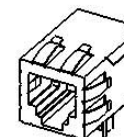
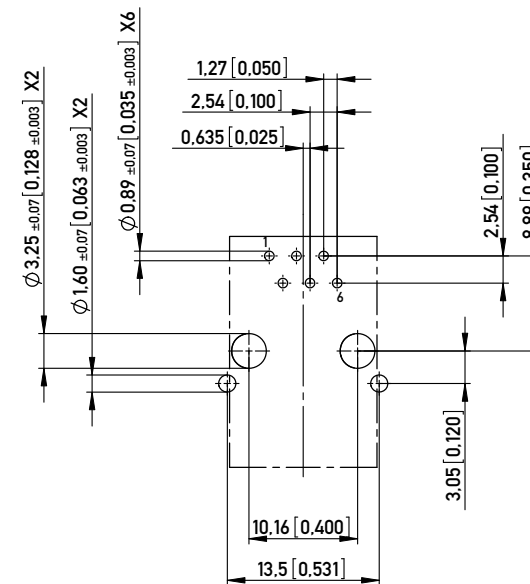
STANDOFF
ABSTAND



RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



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



1:1

NOTE 1: PANEL GROUND FLANGES TOP, SIDES AND BOTTOM (GF5)

NOTE 2: RoHS COMPLIANT

Technical specifications

Materials & Finish	Standard applic.	Value
Insulation body	Standard description	PBT 30%
Contact material	Standard description	CuSn5
Contact finish, mating zone	Thickness of plating	30 µin Au over 50 µin Ni
Contact finish termination zone	Thickness of plating	30 µin Au 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

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	0.57 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 TERMINATION ZONE	
133776		ROUND WIRE CONTACTS 30µin Au OVER 50µinNi	
Information:		Tolerances	Scale 2:1
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.	Designation
C		19.08.2008	MOD JACK 6P6C, 1X1, SHIELDED
Index		Date	
ERNI		www.ERNI.com	133776
Class		MJ	
		1 (1/1)	
		A3	