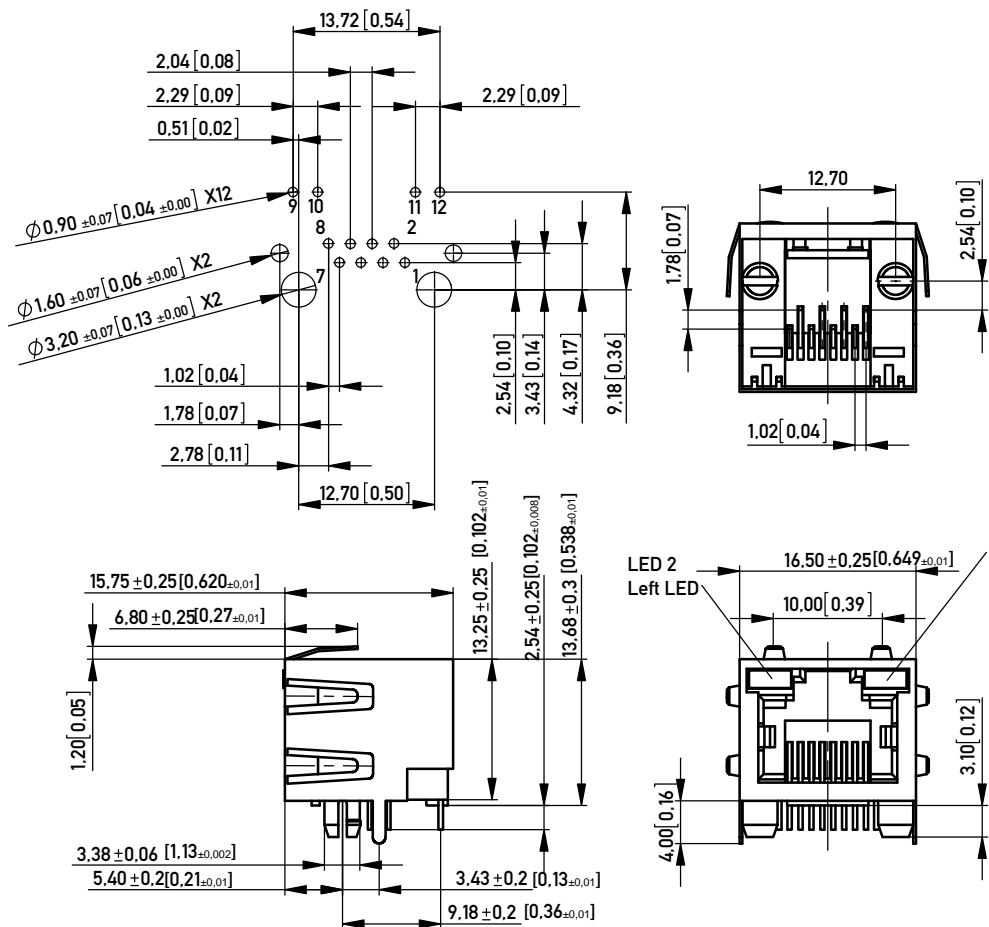
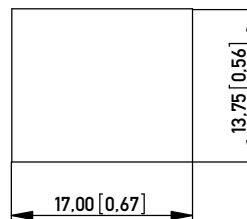


RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
 EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)
 TOL. ±0.05 [0.002] UNLESS NOTED



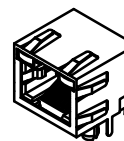
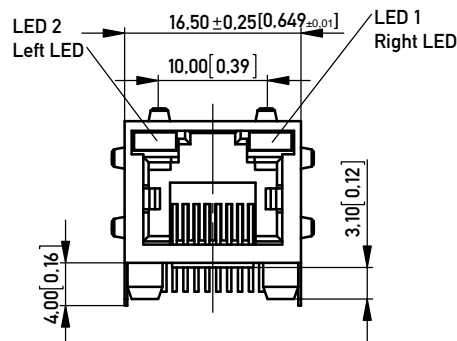
RECOMMENDED PANEL CUTOUT
 EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



LED SPECIFICATIONS

COLOR FARBE	V _f TYP	V _f MAX	I _f mA	CIRCUIT DIAGRAM SCHALTSKIZZE
YELLOW	2.1	2.5	20	
GREEN	2.2	2.5	20	
RED	2.25	2.5	20	
ORANGE / GREEN	2.05 / 2.2	2.5	20	
GREEN / ORANGE	2.2 / 2.05	2.5	20	

Notes: Cavity confirms to FCC Rules and Regulations Part 68, Subpart F



1:1

NO. IDENT. NR.	LED 2 LEFT	LED 1 RIGHT	LED CODE
203532	YELLOW	GREEN	L1
203533	GREEN	YELLOW	L2
203534	GREEN	GREEN	L3
203535	YELLOW	YELLOW	L8
203536	ORANGE / GREEN	ORANGE / GREEN	L9
203537	RED	GREEN	L5
203538	GREEN / ORANGE	YELLOW	L11

Technical specifications

Materials & Finish

Insulation body	PA46 GF30
Contact material	Phosphor Bronze (C5210)
Contact finish, mating zone	30µm Au
Contact finish, termination zone	Au flash
Underplating	20-50µm Ni
Shell/shield material	C2680 (acc. JIS)
Shell/shield plating	20-50µm Ni

Assembly Process

Packaging	Tray
Solder temperature	260°C at 3-5s
Suitable assembly process	wave

Approvals

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

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/ testpane	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	-40 to +85°C
-----------------------	--------------

Information:	Tolerances x ±0.50 x.x ±0.38 x.xx ±0.25	 All Dimensions in mm	Scale 2:1
	Designation MOD JACK- MJE 8P8C, 1X1, LED		
All rights reserved. Only for Information. To ensure 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.		www.ERNI.com
	203531		
Index	Date 12.12.2013	Class MJ	

Copyright by ERNI GmbH
 Proprietary notice pursuant to ISO 9006 to be observed.

1 (1/1)

A3

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Modular Connectors / Ethernet Connectors](#) category:

Click to view products by [ERNI](#) manufacturer:

Other Similar products are found below :

[8949-H88/06BLKA/SN](#) [74441-0010/BKN](#) [MP1010RX-1000](#) [MP44RX-1000](#) [PHJ-4P4C-1-V-4](#) [PHP-6P6C-5](#) [GAX-3-66](#) [GAX-8-62](#) [GDCX-PA-66-50](#) [GDCX-PN-64](#) [GDCX-PN-66](#) [GDCX-PN-66-50](#) [GDLX-A-66](#) [GDLX-N-66](#) [GDLX-S-66](#) [GDLX-S-88K](#) [GDLX-SMT-S-88](#) [GDTX-S-88-50](#) [GDX-PA-1010](#) [GLX-N-1010M-BLK](#) [GLX-S-88M-BLK](#) [GMX-N-1010](#) [GMX-S-1010](#) [GMX-S-66](#) [GMX-SMT4-N-88](#) [GPX-2-64](#) [GSGX-N-2-88](#) [GSGX-N-4-88](#) [GSX-NS2-88-3.05](#) [GSX-NS2-88-3.05-50](#) [GSX-NS-88-3.05-50](#) [PT-108A-8C-UL](#) [PT-J951-8C](#) [PTS-J531-8CS-50UL](#) [1-1775629-2](#) [A-2014-0-4](#) [GWLX-S-88-GR](#) [GWLX-S9-88-YG](#) [DC-1021-8-WH-6](#) [1300530003](#) [1324640-4](#) [RJ11FTVC2G](#) [RJ11FTVC2N](#) [RJFTVX2SA1G](#) [132764-001](#) [1413235](#) [MP88X-1000](#) [MPS88RX-5000](#) [E5288-S000K3-L](#) [E5908-15A242-L](#)