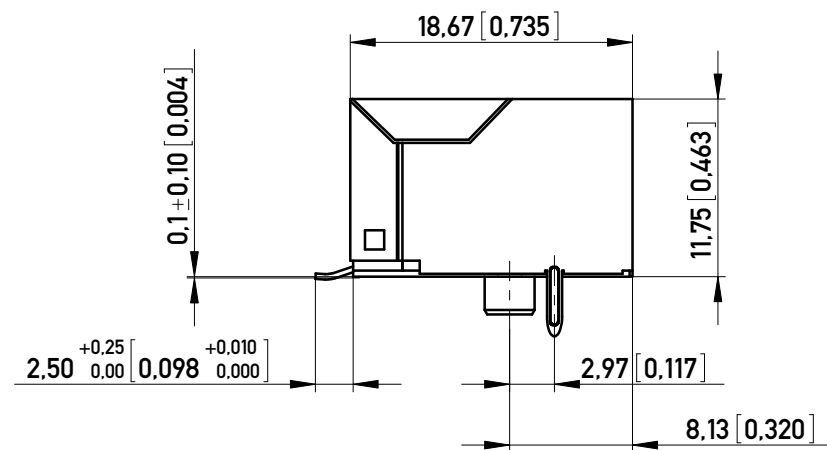
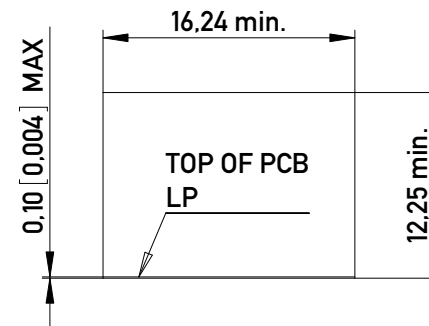
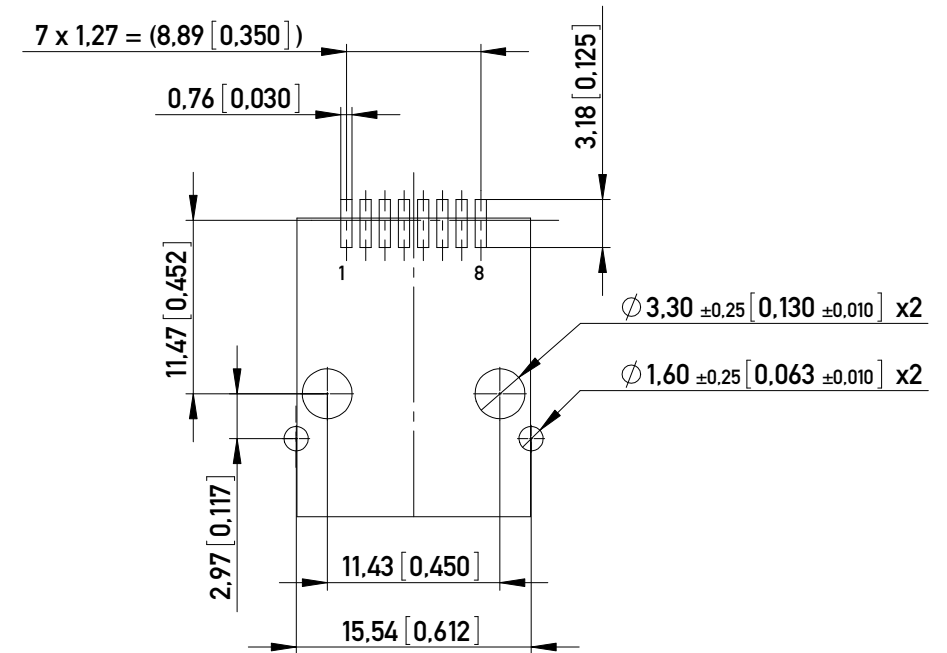


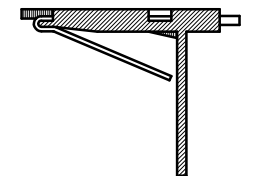
RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



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



IMPROVED CONTACT DESIGN
(PRE BEND)



Technical specifications

Materials & Finish

Insulation body	Standard applic.	Value
Contact material	Standard description	PA46 30%
Contact finish, mating zone	Standard description	C521 (acc. JIS)
Contact finish termination zone	Thickness of plating	30 μ m Au over 50 μ m Ni
Shell/shield material	Thickness of plating	80 μ m Sn matt over 50 μ m Ni
Plating shield / shielding pin	Standard description	C2680 (acc. JIS)
		50 μ m Ni

Assembly process

Packaging	see chart
Solder temperature	260°C at 3-5s
Suitable assembly process	reflow

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

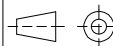
Voltage proof (Dielectric Withstand Voltage)

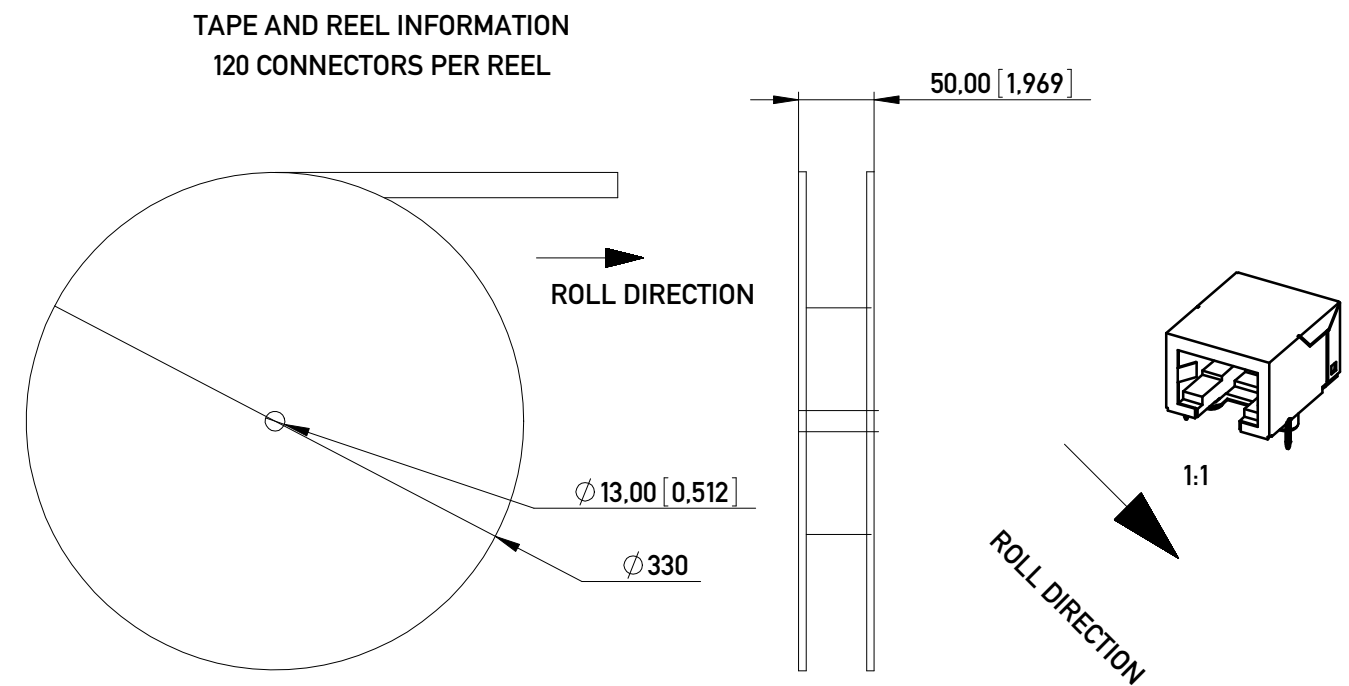
a) Contact - contact	IEC 512-2, 4a	min. 1.000 V AC/DC
b) Contact - shell/testpanel	IEC 512-2, 4a	min. 1.500 V AC/DC
Current carrying capacity	IEC 512-3, 5b	1.5 A @ 25° C
Contact resistance	IEC 512-2, 2a	max. 30 mOhm
Insulation resistance	IEC 512-2, 3a	min. 500 MOhm

Environmental properties

Operation temperature	0 - 70° C
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NOTE 1: WITH PEGS, SIDE GROUNDING PINS AND SMT TERMINALS
NOTE 2: RoHS COMPLIANT

PART NO. IDENT. NR.		PACKAGING VERPACKUNG	
133602		TRAY (Standard) (SEE PAGE 2 of 2)	
203490		TAPE & REEL (SEE PAGE 2 of 2) 120 PIECES PER REEL	
Information: MAXCONN No.: SEE CHART		Tolerances  All Dimensions in mm	Scale 2:1
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.	Designation MOD JACK - MJLS 8P8C, 1X1, SMT, CAT 3/4
 www.ERNI.com		203491	
d	23.11.2018	I (1/2)	
Index	Date	A3	
		Class	MJ



133602 TRAY PACKAGE

NOTE 6: POCKET POSITION RELATIVE TO SPROCKET HOLE MEASURED AS TRUE POSITION OF POCKET; NOT POCKET HOLE

Information:

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d

Index

23.11.2018

Date

Tolerances

All Dimensions
in mm

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

ERNI

www.ERNI.com

Scale

2:1

Designation

MOD JACK - MJLS
8P8C, 1X1, SMT, CAT 3/4

203491

I (2/2)

A3

Class

MJ

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