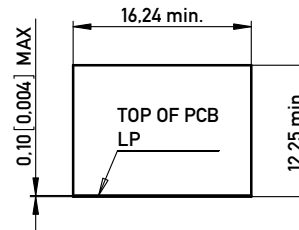
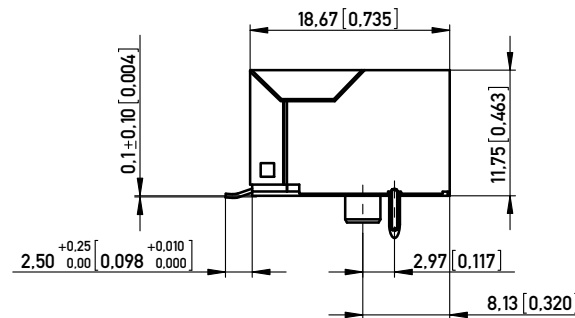
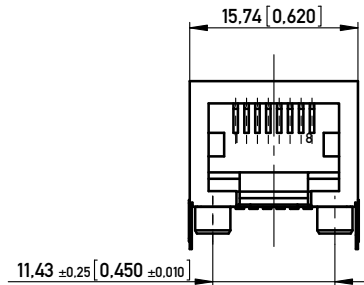
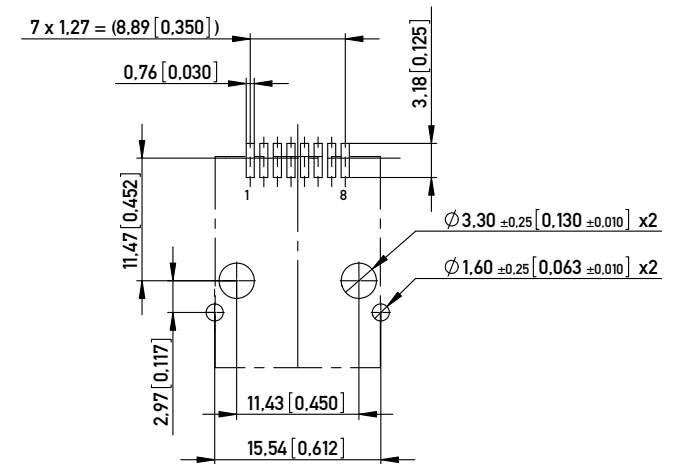


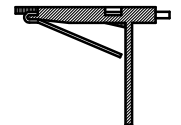
RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



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	Standard applic.	Value
Insulation body	Standard description	PA46
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	Flash Au over 50 µin Ni
Shell/shield material	Standard description	C2680 (acc. JIS)
Plating shield / shielding pin		50 µin Ni / 80 µin Sn

Assembly process	
Packaging	Tray
Solder temperature	235°C at 3-5s
Suitable assembly process	wave

Approvals	
UL insulation body	UL 94
UL File No.	V0
RoHS compliant	E145613
	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

coupling device IEC 512-2, 1b)		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

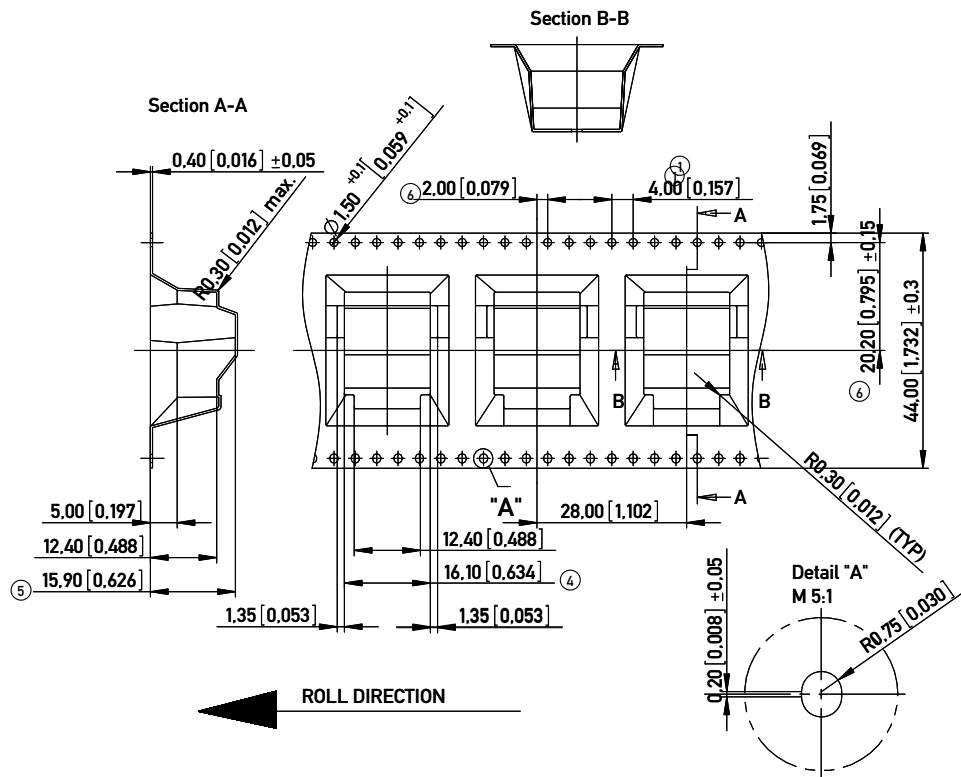
Environmental properties	
Operation temperature	0 - 70° C

NOTE 1: WITH PEGS, SIDE GROUNDING PINS AND SMT TERMINALS
NOTE 2: RoHS COMPLIANT

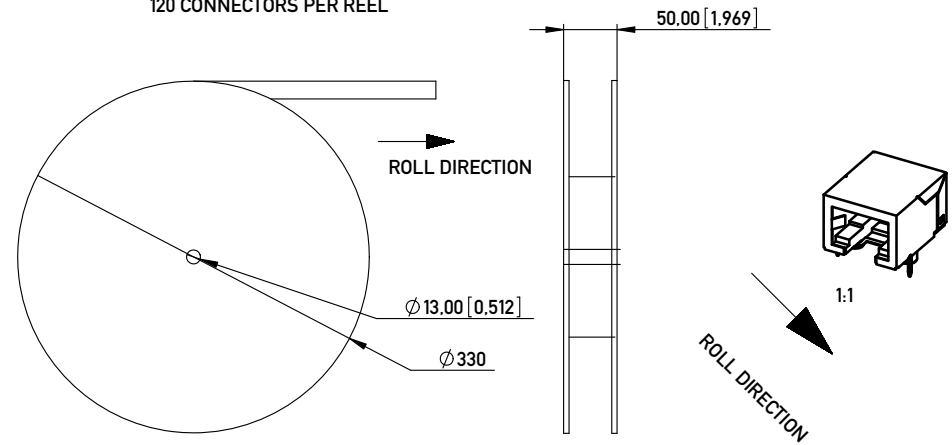
PART NO. IDENT. NR.	PACKAGING VERPACKUNG
133602	TRAY (Standard) (SEE PAGE 2 of 2)
203490	TAPE & REEL (SEE PAGE 2 of 2) 120 PIECES PER REEL
Information: MAXCONN No.: SEE CHART	Tolerances  All Dimensions in mm
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 www.ERNI.com	Designation MOD JACK - MJLS 8P8C, 1X1, SMT, CAT 3/4
c Index	08.06.2015 Date
Class	MJ

203491

1 (1/2)
A3



TAPE AND REEL INFORMATION
120 CONNECTORS PER REEL



203490 TAPE & REEL PACKAGE

NOTE 1: 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ± 0.2

NOTE 2: CAMBER NOT TO EXCEED 1 mm IN 100 mm

NOTE 3: MATERIAL: CLEAR ADVANTEK POLYSTYRENE

NOTE 4: MEASURED ON A PLANE 0.3 MM ABOVE THE BOTTOM OF THE POCKET

NOTE 5: MEASURED FROM A PLANE ON THE INSIDE BOTTOM OF THE POCKET TO THE TOP SURFACE OF THE CARRIER

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

133602 TRAY PACKAGE

Information:		Tolerances		Scale	2:1
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				MOD JACK - MJLS 8P8C, 1X1, SMT, CAT 3/4	
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Index		Date			I (2/2) A3
				Class	MJ

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