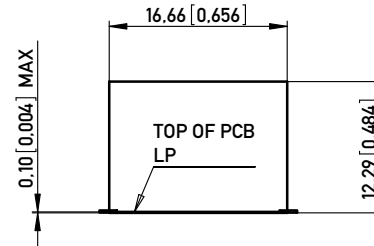
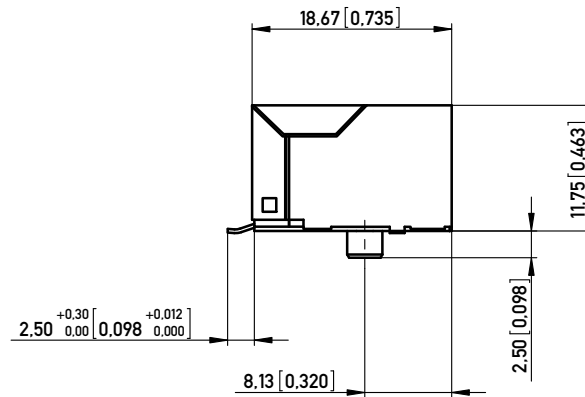
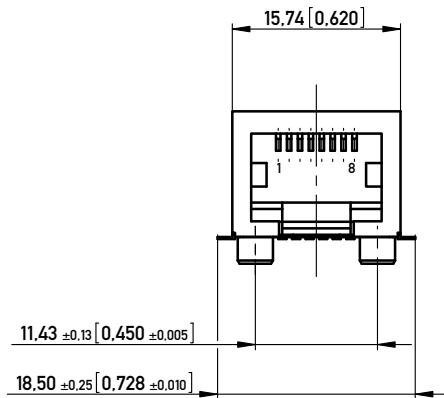
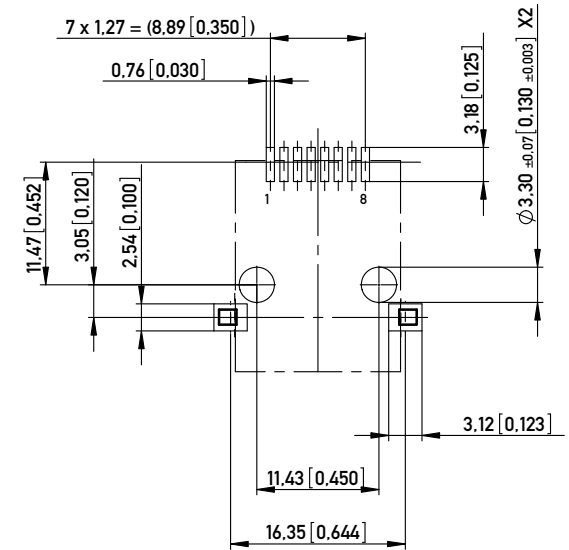


RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

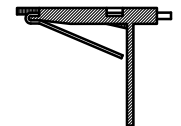


RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)
TOL. ±0.05 [0.002] UNLESS NOTED



- NOTE 1: WITH PEGS, SMT SIDE SHIELD TABS AND SMT TERMINALS (STP)
NOTE 2: C - UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 3: RoHS COMPLIANT

IMPROVED CONTACT DESIGN
(PRE BEND)



Technical specifications

Materials & Finish	Standard applic.	Value
Insulation body	Standard description	PA46 30%
Contact material	Standard description	CuSn5 (acc. JIS)
Contact finish, mating zone	Thickness of plating	30 µm Au over 50 µm Ni
Contact finish termination zone	Thickness of plating	80 µm matte Sn over 50 µm Ni
Shell/shield material	Standard description	C2680 (acc. JIS)
Plating shield / shielding pin		50 µm Ni / 80 µm Sn

Assembly process	Standard applic.	Value
Packaging		see chart
Solder temperature		260°C at 3-5s
Suitable assembly process		reflow

Approvals	Standard applic.	Value
UL insulation body	UL 94	V0
UL File No.		E145613
RoHS compliant		Yes

Test Data	Standard applic.	Value
Mechanical properties	Insertion/withdraw IEC 607-3	max. 20 N
	Mechanical operation IEC 512-5, 9a	min. 1000
	Effectiveness of connector coupling device IEC 512-8, 15f	50 N

Electrical properties	Standard applic.	Value
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. 1000 V AC/DC
	b) Contact - shell IEC 512-2, 4a	min. 1500 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	Standard applic.	Value
Operation temperature		-40° C - + 85° C

PART NO. IDENT. NR.	PACKAGING VERPACKUNG
133611	TRAY (Standard) (SEE PAGE 2 of 2)
203422	TAPE & REEL (SEE PAGE 2 of 2) 120 PIECES PER REEL

Information:	Tolerances	Scale
	 All Dimensions in mm	2:1

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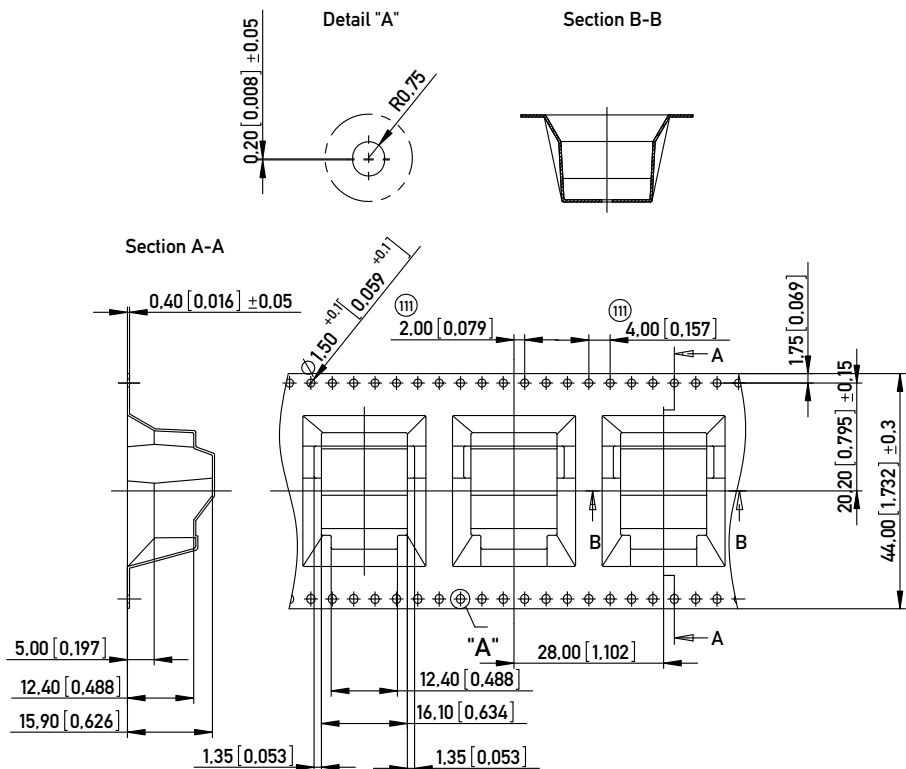
Designation
MOD JACK - MJLS
8P8C, 1X1, SMT

203499 | 1 (1/2)
A3

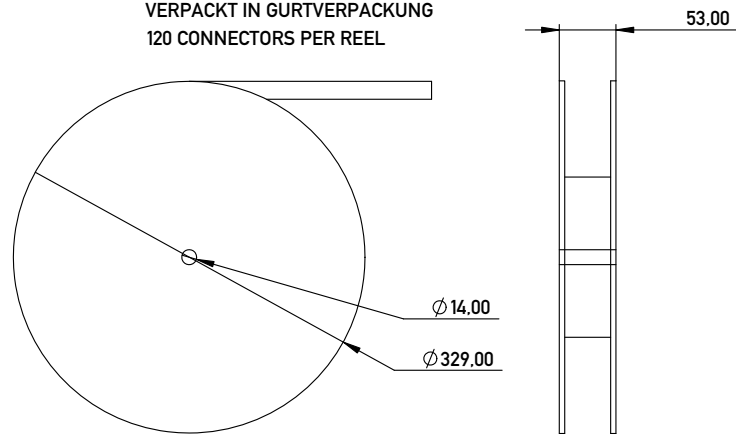
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b	Date
Index	20.08.2015

Class	MJ

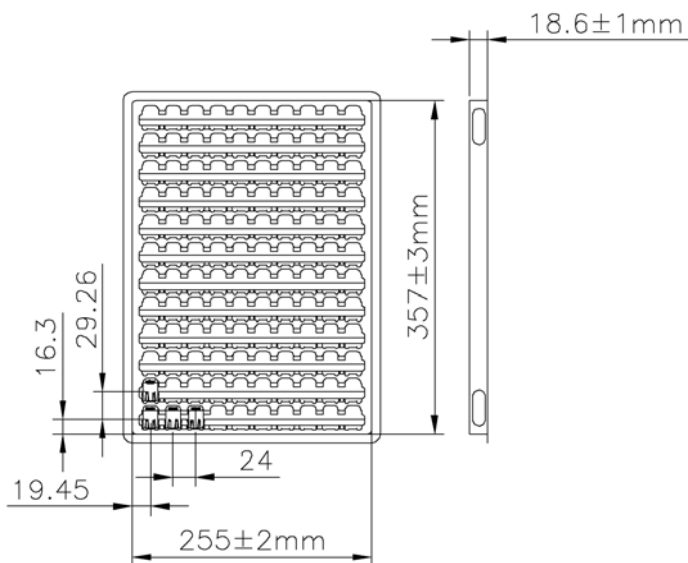


TAPE AND REEL INFORMATION
 VERPACKT IN GURTVERPACKUNG
 120 CONNECTORS PER REEL

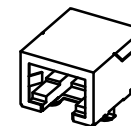


203422 TAPE & REEL PACKAGE



- 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 FROM A PLANE ON THE INSIDE BOTTOM OF THE POCKET TO THE TOP SURFACE OF THE CARRIER
- NOTE 5: POCKET POSITION RELATIVE TO SPROCKET HOLE MEASURED AS TRUE POSITION OF POCKET, NOT POCKET HOLE



133611 TRAY PACKAGE



1:1

Information:		Tolerances		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.		All Dimensions in mm		Designation	
Subject to modification without prior notice. Drawing will not be updated.				MOD JACK - MJLS 8P8C, 1X1, SMT	
b	20.08.2015	www.ERNI.com		203499	
Index	Date			1 (2/2) A3	
				Class	MJ

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