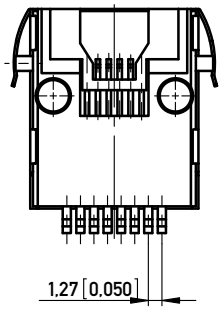
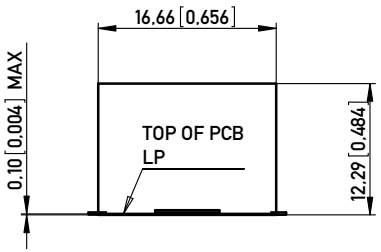
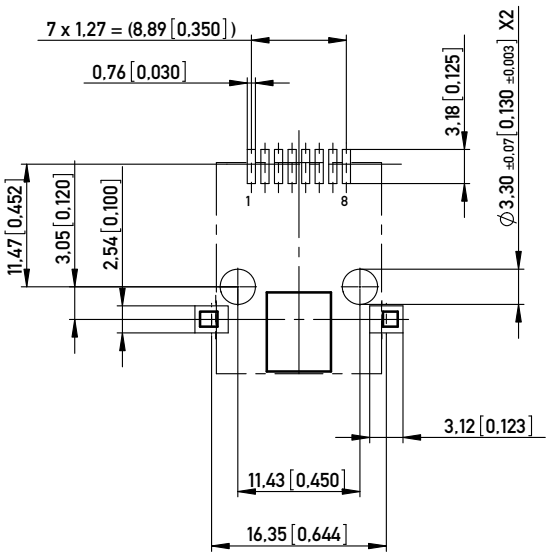
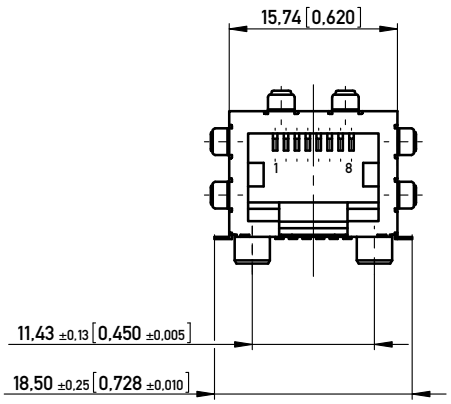


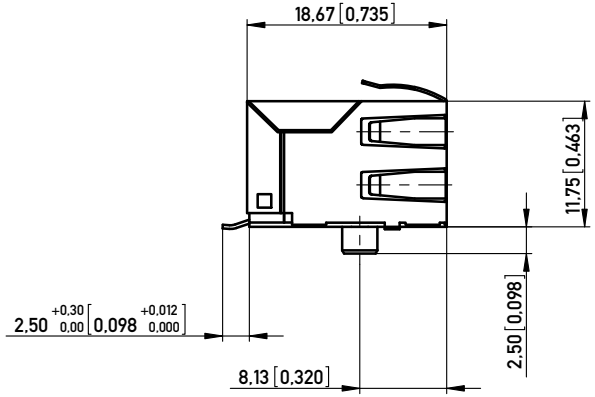
RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

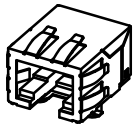


RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)
TOL. ±0.05 [0.002] UNLESS NOTED

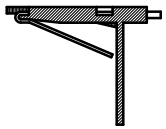








IMPROVED CONTACT DESIGN
(PRE BEND)



NOTE 1: WITH PEGS, SMT SIDE SHIELD TABS AND SMT TERMINALS (STP)
NOTE 2: UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)
NOTE 4: RoHS COMPLIANT

Technical specifications

Materials & Finish	Standard applic.	Value
Insulation body	Standard description	PBT 30%
Contact material	Standard description	C5210 (acc. JIS)
Contact finish, mating zone	Thickness of plating	30 µin Au over 50 µin Ni
Contact finish termination zone	Thickness of plating	80 µin matte Sn 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	V0
UL File No.		E145613
RoHS compliant		Yes
Part Marking		
date of manufacturing and RC	required	
RoHS compliant	required	
part number	required	
Company Logo	optional	

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
Dry heat	IEC 512 , 11i	70° C/16h
Damp heat, steady	IEC 512 , 11c	55° C
Damp heat	IEC 512 , 11m	55° C/21 days
Cold	IEC 512 , 11j	-40° C/2h
Rapid change of temp.	IEC 512 , 11d	25 cycles -40°C /70°C
Vibration	IEC 512 , 6d	10 sweeps/6h
Shock	IEC 512 , 6c	halfsinus 15g/11ms

PART NO. IDENT. NR.	PACKING VERPACKUNG	MAXCONN NO. IDENT. NR.
133489	TRAY	MJS-S-88-STP-GF5-30
133936	TAPE & REEL 120 PIECES PER REEL	MJS-S-88-STP-GF5-30-TR

QUALITY INSPECTION / WE-PRÜFUNG:

- Gauging procedure / Lehrenprüfung
  - mating zone / Steckgesicht
  - termination zone / Anschlussseite
- Contact finish / Oberflächenbeschaffenheit
  - mating zone / Steckkontakte
  - termination zone / Anschlusspins

Index	Modification Nr.	Date	Name
c	0006-14	17.07.2015	Krammer

Dimension Nr.

Tolerances
ISO 2768-m
ISO 8015

All Dimensions in mm [in]

	Date	Name
Drawn	10.08.2007	Krammer
Checked	10.08.2007	Blind
Approved		

ERNI Production GmbH & Co. KG
D-73099 ADELBERG

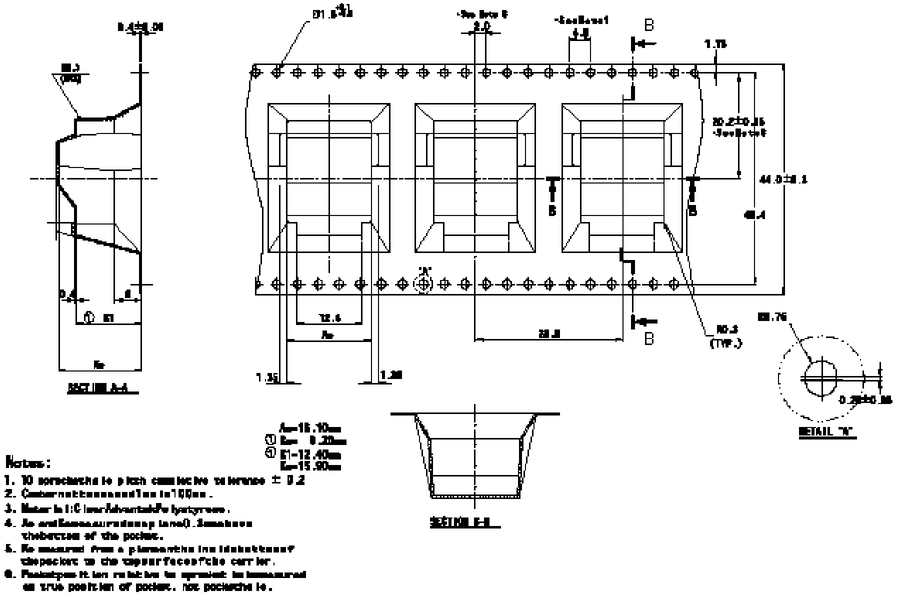
Scale 2:1
Tool-Nr.:
Material
Designation

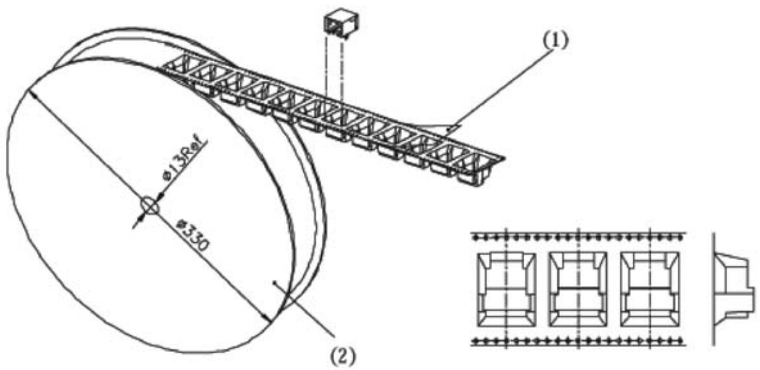
MOD JACK -MJR
8P8C, 1x1

133939

(1/2)
A3

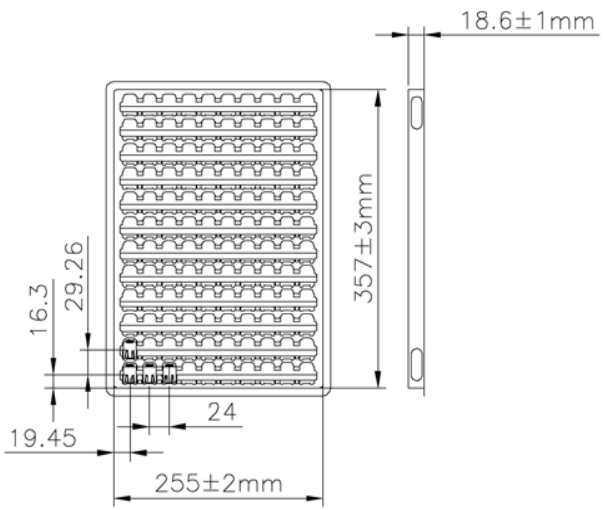
Class MJ





THE FINISHED PART SHALL BE PUT INTO CARRIER (1) ONE BY ONE,
KEEP EMPTY FOR BEGINNING 5PCS & LAST 5 PCS, SEAL WITH TAPE (2)
ONE REEL CONTAINS 120PCS

133936 TAPE & REEL PACKAGE



133489 TRAY PACKAGE

Dimension Nr.				Tolerances ISO 2768-m ISO 8015	All Dimensions in mm [in]	Scale 2:1	Tool-Nr.:
						Material	
					Date	Name	Designation
				Drawn	10.08.2007	Krammer	MOD JACK - MJR
				Checked	10.08.2007	Blind	8P8C, 1x1
				Approved			
				ERNI	Production GmbH & Co. KG D-73099 ADELBERG		133939 (2/2)
c	0006-14	17.07.2015	Krammer				A3
Index	Modification Nr.	Date	Name			Class MJ	

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 :

RJE231881317T MP1010RX-1000 MP44RX-1000 GAX-3-66 GAX-8-62 93606-0253 GD-A-44 GDCX-PA-66-50 GDCX-PN-64 GDCX-PN-66 GDCX-PN-66-50 GDLX-A-66 GDLX-A-88 GDLX-N-66 GDLX-S-88K GDTX-S-88-50 GDX-PA-1010 GLX-A-44 GLX-N-1010M-BLK GLX-N-44M GLX-S-88M-BLK GMX-N-1010 GMX-S-1010 GMX-S-66 GMX-SMT2-N-1010 GMX-SMT2-N-64-50 GMX-SMT2-S6-88 GMX-SMT4-N-88 GPX-2-64 GRT1-BT1-5 GSGX-N-2-88 GSX-NS2-88-3.05 GSX-NS2-88-3.05-50 GSX-NS-88-3.05-30 GSX-NS-88-3.05-50 GSX-NS-88-3.68 1-1775629-2 GWLX-S-88-GR GWLX-S9-88-YG 1300500326 1300500227 1300530003 1300570002 1324640-4 RJ11FTVC2G RJ11FTVC2N RJFTVX2SA1G 132764-001 1400000 1413176