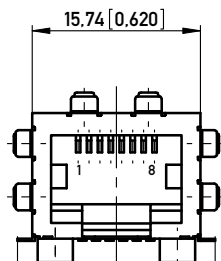


1.27 [0.050]

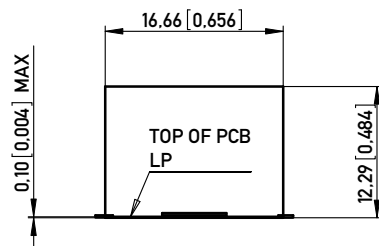


15.74 [0.620]

11.43 ±0.13 [0.450 ±0.005]

18.50 ±0.25 [0.728 ±0.010]

RECOMMENDED PANEL CUTOUT  
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

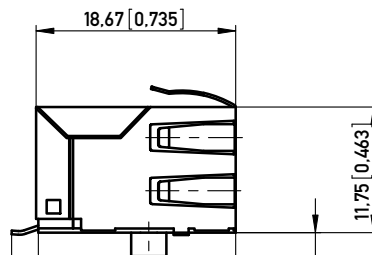


0.10 [0.004] MAX

16.66 [0.656]

TOP OF PCB  
LP

12.29 [0.484]



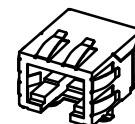
18.67 [0.735]

11.75 [0.463]

2.50 <sup>+0.30</sup>/<sub>0.00</sub> [0.098 <sup>+0.012</sup>/<sub>0.000</sub>]

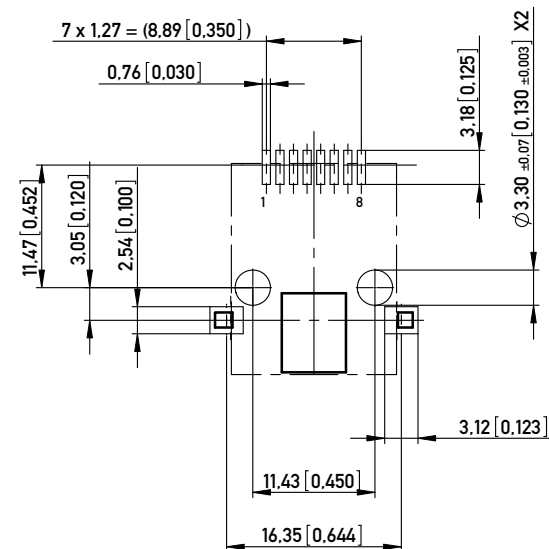
8.13 [0.320]

2.50 [0.098]



1:1

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



7 x 1.27 = (8.89 [0.350])

0.76 [0.030]

3.18 [0.125]

11.47 [0.452]

3.05 [0.120]

2.54 [0.100]

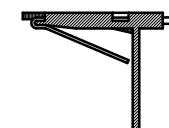
Ø 3.30 <sup>+0.07</sup>/<sub>-0.003</sub> [X2]

3.12 [0.123]

11.43 [0.450]

16.35 [0.644]

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	PA6T/66 FR52 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)
Shell/shield plating	Thickness of plating	50 µin Ni

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

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

Part Marking	required	optional
date of manufacturing and RC	required	
RoHS compliant	required	
part number	required	
Company Logo		optional

Test Data	Standard applic.	Value
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Mechanical properties	Standard applic.	Value
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	Standard applic.	Value
<b>Creepage / clearance distances</b>		
a) Contact - contact	IEC 807-3	0.52 mm
b) Contact - shell	IEC 807-3	min. 1.0 mm
<b>Voltage proof (Dielectric Withstand Voltage)</b>		
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	Standard applic.	Value
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	halbsinus 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

Dimension Nr.	Tolerances	Scale	2:1	Tool-Nr.:
	ISO 2768-m DIN 7167			
	Date	Name	Material	
	10.08.2007	Krammer		
	Checked	Blind	Designation	
	10.08.2007		MOD JACK - MJLS	
	Approved		8P8C, 1X1, SMT	
			133939	
			(1/2)	
			A3	
b	14.05.2010	Krammer	Class MJ	
Index	Modification Nr.	Date	Name	

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