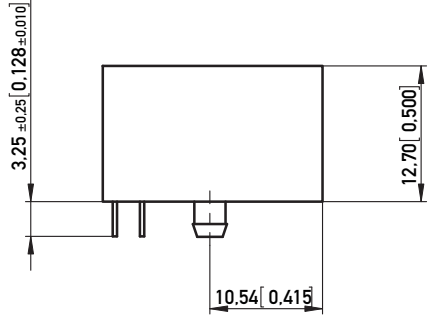
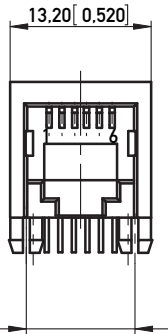
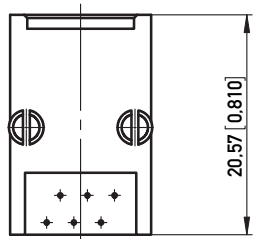
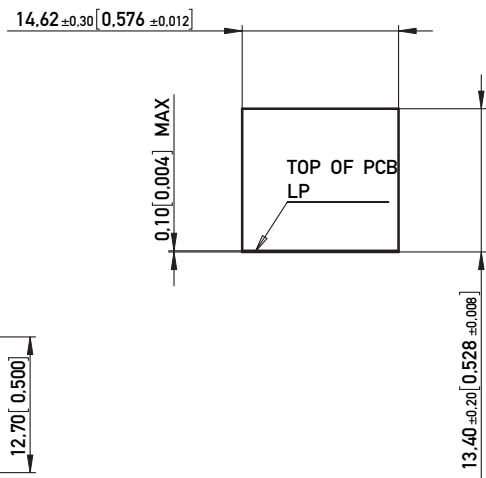
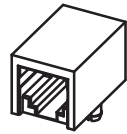
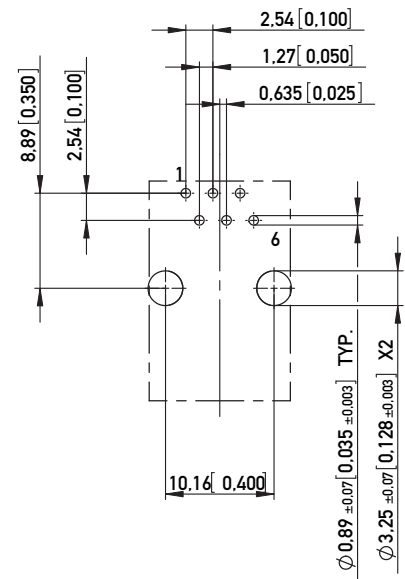




RECOMMENDED PANEL CUTOUT  
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



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



1:1

NOTE 1 : C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS  
NOTE 2 : RoHS COMPLIANT

Technical specifications

| Materials & Finish              | Standard applic.     | Value                    |
|---------------------------------|----------------------|--------------------------|
| Insulation body                 | Standard description | PBT 30%                  |
| 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 | 30 µin Au over 50 µin Ni |
| Shell/shield material           | Standard description | N.A.                     |
| Shell/shield plating            | Thickness of plating | N.A.                     |

| 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              |
|-----------------------------------------------------|------------------|--------------------|
| <b>Mechanical properties</b>                        |                  |                    |
| 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               |
| <b>Electrical properties</b>                        |                  |                    |
| <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      |
| <b>Environmental properties</b>                     |                  |                    |
| Operation temperature                               |                  | 0 - 70° C          |

| PART NO.<br>IDENT. NR.                                                                                                                                       | PCB HOLE<br>NUMBERING<br>PCB- BOHRUNGS-<br>NUMERIERUNG |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|
| 133146                                                                                                                                                       |                                                        |                          |
| 133148                                                                                                                                                       |                                                        |                          |
| 133150                                                                                                                                                       |                                                        |                          |
| Information:                                                                                                                                                 |                                                        | Scale 2:1                |
| Tolerances                                                                                                                                                   |                                                        | All Dimensions in mm[in] |
| All rights reserved. Only for Information. To insure that this is the latest version of this drawing, please contact one of the ERNI companies before using. |                                                        | Designation              |
| Subject to modification without prior notice. Drawing will not be updated.                                                                                   |                                                        | MOD JACK - MJR           |
| 1X1, 6 POSITIONS, NON SHIELDED                                                                                                                               |                                                        |                          |
| ERNI www.ERNI.com                                                                                                                                            |                                                        | 133924                   |
| B                                                                                                                                                            |                                                        | 04.07.2007               |
| Index                                                                                                                                                        |                                                        | Date                     |
|                                                                                                                                                              |                                                        | Class MJ                 |

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