

**Technical specification/
Technische Daten:**

| | |
|---|---|
| Working voltage/ Betriebsspannung: IEC 664-1 | 100 VDC |
| Current rating/ Strombelastbarkeit: | 7,5 A (UL) / 5 A (CSA, VDE) |
| Insulation resistance/ Isolationswiderstand: | ≥ 1 GΩ |
| Dielectric withstanding voltage/ Spannungsfestigkeit (DWV): | 424 VDC |
| Temperature working range/ Umgebungstemperatur: | - 25 °C ... + 105 °C |
| Capacitance value/ Kapazitätswert: | 370 pF ± 20 % |
| Mating cycles/ Steckzyklen: | Quality class 1 = 500 Gütestufe 1 Quality class 2 = 200 Gütestufe 2 Quality class 3 = 50 Gütestufe 3 |

**Materials/
Werkstoffe:**

| | |
|-------------------------------------|---|
| Contact/ Kontakt: | Cu alloy, Au over Ni Contact tails pretinned/ Kontaktspitzen verzinkt |
| Insulator/ Isolierkörper: | High temp. PA UL 94 V-0 |
| Shell/ Gehäuse: | Steel, Sn over Ni |
| Metal bracket/ Metallwinkel: | GD-Zn, Sn over Ni |
| Threaded insert/ Gewindeeinsatz: | Cu alloy, Sn over Ni |
| PCB snap/ PCB Clip: | Cu alloy, Sn over Ni |
| Fixing plate/ Zentrierplatte: | High temp. PA UL 94 V-0 |

**Installation specification/
Montagedaten:**

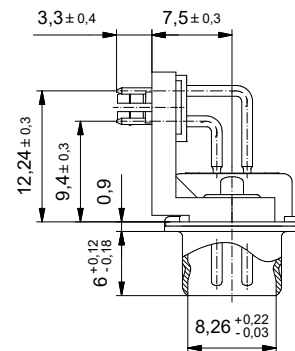
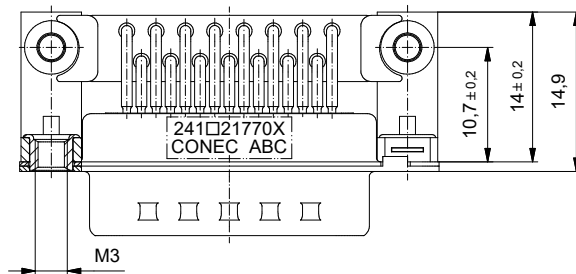
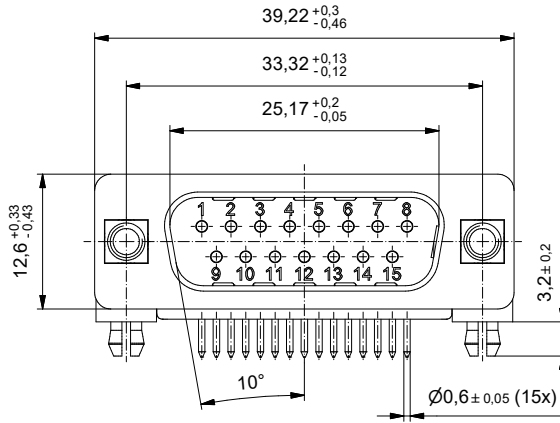
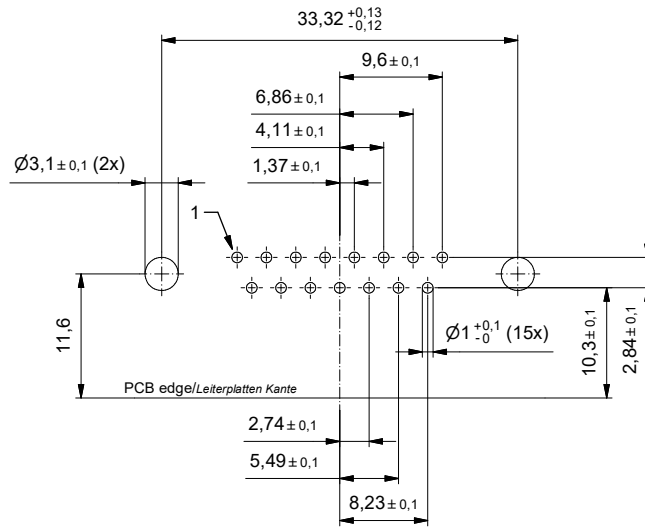
| | |
|---|---|
| Solder parameter/ Lötparameter: | |
| Solder preheat temperature/ Vorheiztemperatur: | 100 °C for 30 sec./ 100 °C für 30 Sek. |
| Solder bath temperature/ Lötbadtemperatur: | 260 °C for 5 sec./ 260 °C für 5 Sek. |
| PCB hole drillings/ Leiterplattenbohrbild: | see sheet 2/ siehe Seite 2 |
| Recommended torque value for thread/ Empfohlenes Drehmoment für Gewinde: | max. 6 in.LB/ max. 67 Ncm |
| PCB snap for hole diameter/ PCB Clip für Lochdurchmesser: | Ø3,1 mm |
| PCB thickness/ Leiterplattenstärke: | 1,6 mm |



| Part no. / Part marked/ Art.-Nr. / Bedruckung: | Quality class/ Gütestufe: | Contact plating/ Kontakt Veredelung: |
|---|------------------------------|---|
| 241A21770X | 3 | Gold flash over nickel Gold über Nickel |
| 241B21770X | 2 | 20 µin hard gold over min. 50 µin nickel 20 µin Gold über min. 50 µin Nickel |
| 241C21770X | 1 | 30 µin hard gold over min. 50 µin nickel 30 µin Gold über min. 50 µin Nickel |

| | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|-------------------------------|--|--|-------------|------------|---------|--|---|--|--------|------------|--|-------------------------------|------------|---------|-------------|----------------------------|--|
| | | D-SUB C-Filter Male 15pos. Solder pin angled 0.370 inch with metal bracket, threaded insert, fixing plate, PCB snap D-SUB C-Filter Stift 15pol. Lötstift abgewinkelt 9,4 mm mit Metallwinkel, Gewindeeinsatz, Zentrierplatte, PCB Clip | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>drawn/gez.</td> <td>24.06.2020</td> <td colspan="2">Name Lehmenkühler</td> </tr> <tr> <td>appd./gepr.</td> <td>24.06.2020</td> <td colspan="2">Schmidt</td> </tr> </table> | | drawn/gez. | 24.06.2020 | Name Lehmenkühler | | appd./gepr. | 24.06.2020 | Schmidt | | <table border="1"> <tr> <td>Index:</td> <td>a Original</td> <td rowspan="3"> </td> <td rowspan="3"> dwg no / Z.-nr.: 24K1A1946 </td> <td rowspan="3"> DIN- A3 </td> </tr> <tr> <td>Status:</td> <td>Freigegeben</td> </tr> <tr> <td>RoHS compliant/ konform</td> <td></td> </tr> </table> | | Index: | a Original | | dwg no / Z.-nr.: 24K1A1946 | DIN- A3 | Status: | Freigegeben | RoHS compliant/ konform | |
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PCB hole drillings
(PCB top side)
Leiterplattenbohrbild
(Leiterplatten Oberseite)



| | | | | | |
|-------------------------|-------------|--|------------|---|-----------|
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