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# NC3FAH-0

3 pole female XLR receptacle, grounding: without ground/shell contact, horizontal PCB mount, Retention spring instead of latch

The 'State of the Art' receptacle. Round plastic body XLR PCB mount panel connector. These have the smallest size and highest packing density (23mm between centres). New designed tulip type contacts with hard gold plating and polished contact areas. UL recognized component.

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## Features & Benefits

- Smallest XLR receptacles, highest packing density
- Tulip type female contact
- Housing flammability UL94V-0
- Plastic housing, steel retention spring
- Polished contact areas and hard gold plating

## Downloads

- [Drawing NC3FAH-0](#)
- [Drawing NC3FAH-0](#)
- [Product Guide - Section XLR](#)

## Links

[UL Certificate \(ECBT2.E135070\)](#)

## Technical Information

Product	
<b>Title</b>	NC3FAH-0
<b>Connection Type</b>	XLR
<b>Gender</b>	female

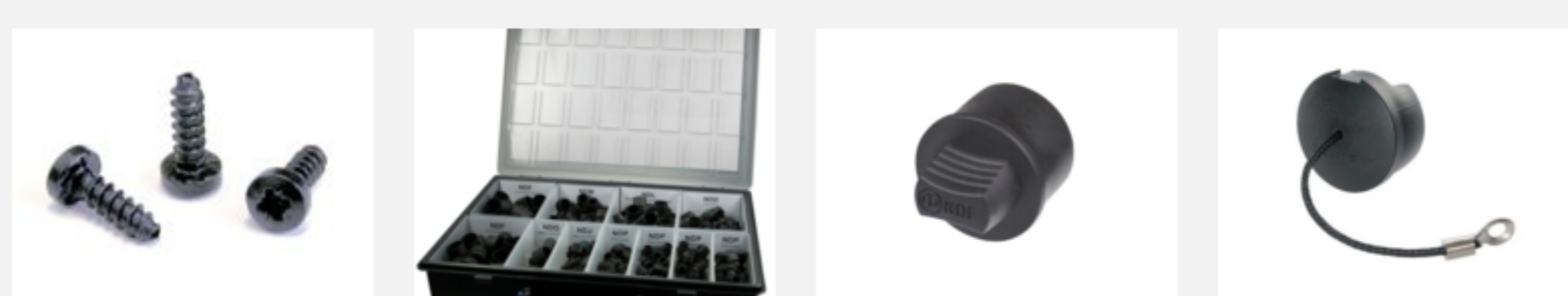
Electrical	
<b>Capacitance between contacts</b>	≤ 4 pF
<b>Contact resistance</b>	≤ 6 mΩ
<b>Dielectric strength</b>	1,5 kVdc
<b>Insulation resistance</b>	> 10 GΩ (initial)
<b>Rated current per contact</b>	6 A
<b>Rated voltage</b>	< 50 V
<b>Grounding Options</b>	no grounding

Mechanical	
<b>Insertion force</b>	≤ 20 N
<b>Withdrawal force</b>	≤ 20 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Locking force</b>	> 20 separating force N
<b>Wiresize</b>	
<b>Wiring</b>	Horizontal PCB mount
<b>Locking device</b>	Retention spring
<b>Mounting direction</b>	Rear mounting
<b>Chassis shape</b>	A
<b>Mounting</b>	A-Screw

Material	
<b>Contacts</b>	Bronze (CuSn6)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Steel Ck67

Environmental	
<b>Approvals</b>	UL
<b>Flammability</b>	UL 94 V-0
<b>Standard compliance</b>	IEC 61076-2-103
<b>Protection class</b>	IP 40
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C

## Accessories



[A-SCREW-1-8](#) | 
 [CAS-DUMMY](#) | 
 [NDF](#) | 
 [SCF](#)

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|--|--|---|---|---|--|
| <p><b>AUDIO</b></p> <ul style="list-style-type: none"> <li>XLR</li> <li>Plugs &amp; Jacks</li> <li>Phono (RCA)</li> <li>speakON</li> <li>opticalCON</li> <li>FIBERFOX</li> <li>etherCON</li> <li>powerCON</li> <li>Patch Panels</li> <li>XIRIUM PRO</li> <li>DANTE Interface</li> <li>MILAN OEM</li> <li>Solutions</li> <li>Accessories</li> </ul> | <p><b>VIDEO</b></p> <ul style="list-style-type: none"> <li>BNC</li> <li>opticalCON</li> <li>FIBERFOX</li> <li>opticamSWITCH</li> <li>Phono (RCA)</li> <li>powerCON</li> <li>Accessories</li> <li>PoE Injector</li> </ul> | <p><b>LIGHTING</b></p> <ul style="list-style-type: none"> <li>XLR</li> <li>etherCON</li> <li>opticalCON</li> <li>FIBERFOX</li> <li>powerCON</li> <li>Accessories</li> </ul> | <p><b>POWER</b></p> <ul style="list-style-type: none"> <li>powerCON TRUE1</li> <li>TOP</li> <li>*Discontinued*</li> <li>powerCON TRUE1</li> <li>powerCON blue / grey</li> <li>powerCON 32 A</li> <li>powerCON</li> <li>Accessories</li> <li>PoE Injector</li> <li>Professional POWER</li> <li>CABLES</li> </ul> | <p><b>DATA</b></p> <ul style="list-style-type: none"> <li>opticalCON</li> <li>etherCON</li> <li>Multimedia</li> <li>8 + 2 pole XLR</li> <li>PoE Injector</li> </ul> | <p><b>INDUSTRIAL</b></p> <ul style="list-style-type: none"> <li>Circular connectors</li> <li>powerCON</li> <li>etherCON</li> <li>XLR</li> <li>Plugs &amp; Jacks</li> <li>opticalCON</li> <li>FIBERFOX</li> </ul> |
| <p><b>HEALTHCARE</b></p> <ul style="list-style-type: none"> <li>opticalCON HYBRID</li> <li>MED</li> <li>opticalCON QUAD</li> <li>MED</li> <li>powerCON</li> <li>etherCON</li> <li>neutriCON</li> </ul>   | <p><b>EQUIPOTENTIAL BONDING</b></p> <ul style="list-style-type: none"> <li>CONNEX cPOT</li> </ul>  |   |   |   |  |