NC5FAH-LR-DAE

5 pole female XLR receptacle with Neutrik unique Halo feature and asymmetric non-metallic push.

Grounding: separate ground contact to mating connector shell and front panel. Horizontal PCB mount.

More than a connector, the `State of the Art` receptacle. Round plastic body XLR PCB mount panel connector, integrating the completely new, patented light ring and asymmetric non-metallic push elements.

The all-plastic A-Series offers the most space saving and cost effective design. Tulip type contacts with hard gold plating and polished contact areas. Light ring for status indication, etc. Improved EMC and ESD performance via asymmetric non-metallic push.

Features & Benefits

- Smallest XLR receptacles, highest packing density
- Multiple colors available via left- and right-side SMD LEDs
- Plastic housing, steel latch lock
- Attractive signaling and design element
- Tulip type female contact
- Polished contact areas and hard gold plating
- Compound material improves ESD performance
- Housing flammability UL94 V-0

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- ✓ Vertical space saving compared to standard push tabs
- ✓ Light ring offers innovative, forward-looking alternative to light pipes
- ✓ Standard cutout / no additional holes for light pipes required
- ✓ Improved visibility compared to light pipes
- ✓ Matte color of push tab eliminates disturbing light reflections from a metal push tab
- ✓ Easier to use push tab with larger push area

NOTE: to avoid light bleed (crosstalk), use 46 mm center-to-center spacing for multiple connectors if no light barriers employed within enclosure

Technical Information

Product	
Title	NC5FAH-LR-DAE
Connection type	XLR
Number of contacts	5
Gender	Female

Electrical	
Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 6 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	3A
Rated voltage	50 V
Grounding options	Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1

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Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiring	Horizontal PCB mount
Locking device	Latch lock (Assymetric ESD Push)
Mounting direction	Rear mounting
Chassis shape	A
Mechanical endurance	COC

Material	
Contacts	Bronze
Insert	Polyamide
Locking element	Reinforced Polyamide

Environmental	
Flammability according to UL 94	V-0
Standard compliance considered during design	IEC 61076-2-103
Protection class according to IEC 60529	IP 40
Pollution degree according to IEC 60664-1	Pollution degree 2
Solderability	Complies with IEC 60068-2-20
Temperature range	-30 °C to +80 °C
Maximum operating temperature	+80 °C

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