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NC5MAH-LR

5 pole male 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.

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Features & Benefits

- Smallest XLR receptacles, highest packing density

- Polished contact areas and hard gold plating

- Light ring offers innovative, forward-looking alternative to light pipes

- Improved visibility compared to light pipes

- Attractive signaling and design element

- Plastic housing, steel latch lock

- Housing flammability UL94 V-0

- Standard cutout / no additional holes for light pipes required

- Multiple colors available via left- and right-side SMD LEDs

- Compound material improves ESD performance

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Technical Information

Product

Title	NC5MAH-LR
Connection type	XLR
Number of contacts	5
Gender	Male

Electrical

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

Mechanical

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

Material

Contacts	Bronze
Insert	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