

# NEUTRIK XLR Chassis Connectors



This product is RoHS compliant.

## XLR CHASSIS CONNECTORS DLX Series

### Features:

- Unique cage type female contacts for increased conductivity
- D-style housing provides installation compatibility with industry standard D mounting dimensions



For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Neutrik Part No. | Fig. | No. of Contacts | Gender | Contacts | Price Each |      |      |      |
|------------------|------------------|------|-----------------|--------|----------|------------|------|------|------|
|                  |                  |      |                 |        |          | 1          | 10   | 25   | 100  |
| 568-NC3MD-LX     | NC3MD-LX         | A    | 3               | Male   | Silver   | 3.20       | 2.89 | 2.69 | 2.47 |
| 568-NC3MD-LX-B   | NC3MD-LX-B       | A    | 3               | Male   | Gold     | 4.44       | 4.03 | 3.96 | 3.64 |
| 568-NC3MD-LX-BAG | NC3MD-LX-BAG     | A    | 3               | Male   | Silver   | 3.20       | 2.89 | 2.69 | 2.47 |
| 568-NC3FD-LX     | NC3FD-LX         | B    | 3               | Female | Silver   | 3.40       | 3.04 | 2.83 | 2.61 |
| 568-NC3FD-LX-B   | NC3FD-LX-B       | B    | 3               | Female | Gold     | 4.44       | 4.06 | 3.64 | 3.35 |
| 568-NC3FD-LX-BAG | NC3FD-LX-BAG     | B    | 3               | Female | Silver   | 3.40       | 3.04 | 2.83 | 2.61 |

### P Series

- Current rating per contact: 3C = 16A, 4C = 10A, 5C = 7.5A, 6C = 7.5A
- Maximum wire gauge: 3C = 14AWG, 4C = 16AWG, 5C & 6C = 18AWG
- Contact resistance: ≤ 3mΩ
- Rated voltage: 50VAC
- Smallest available



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| MOUSER STOCK NO.            | Neutrik Part No. | Fig. | No. of Contacts | Gender | Contacts | Price Each |       |       |      |
|-----------------------------|------------------|------|-----------------|--------|----------|------------|-------|-------|------|
|                             |                  |      |                 |        |          | 1          | 10    | 25    | 100  |
| <b>Satin Nickel Housing</b> |                  |      |                 |        |          |            |       |       |      |
| 568-NC3MP                   | NC3MP            | C    | 3               | Male   | Silver   | 3.97       | 3.62  | 3.30  | 3.05 |
| 568-NC4MP                   | NC4MP            | C    | 4               | Male   | Silver   | 4.69       | 4.17  | 3.82  | 3.51 |
| 568-NC5MP                   | NC5MP            | C    | 5               | Male   | Silver   | 7.23       | 6.63  | 6.13  | 5.68 |
| 568-NC6MP                   | NC6MP            | C    | 6               | Male   | Silver   | 11.12      | 9.67  | 9.19  | 8.12 |
| 568-NC3FP-1                 | NC3FP-1          | D    | 3               | Female | Silver   | 3.69       | 3.41  | 3.12  | 2.86 |
| 568-NC4FP-1                 | NC4FP-1          | D    | 4               | Female | Silver   | 7.46       | 6.85  | 6.22  | 5.69 |
| 568-NC5FP-1                 | NC5FP-1          | D    | 5               | Female | Silver   | 9.54       | 8.66  | 7.92  | 7.27 |
| 568-NC6FP-1                 | NC6FP-1          | D    | 6               | Female | Silver   | 12.21      | 11.35 | 10.44 | 9.80 |

### Black Chrome Housing

|               |           |   |   |        |      |       |       |       |       |
|---------------|-----------|---|---|--------|------|-------|-------|-------|-------|
| 568-NC3MP-B   | NC3MP-B   | C | 3 | Male   | Gold | 5.15  | 4.55  | 4.10  | 3.82  |
| 568-NC4MP-B   | NC4MP-B   | C | 4 | Male   | Gold | 5.85  | 5.33  | 4.86  | 4.50  |
| 568-NC5MP-B   | NC5MP-B   | C | 5 | Male   | Gold | 9.85  | 9.05  | 8.28  | 7.60  |
| 568-NC3FP-1-B | NC3FP-1-B | D | 3 | Female | Gold | 4.79  | 4.27  | 3.90  | 3.58  |
| 568-NC4FP-1-B | NC4FP-1-B | D | 4 | Female | Gold | 8.72  | 7.77  | 7.20  | 6.52  |
| 568-NC5FP-1-B | NC5FP-1-B | D | 5 | Female | Gold | 12.71 | 11.79 | 11.38 | 10.41 |

### D-S-1-B Series

- Black metal housing
- Robust "D" metal shell
- Standardized D-sized 24mm panel cutout
- Screw terminals



For quantities greater than listed, call for quote.

|                 |             |   |   |        |      |      |      |      |      |
|-----------------|-------------|---|---|--------|------|------|------|------|------|
| 568-NC3MD-S-1-B | NC3MD-S-1-B | E | 3 | Male   | Gold | 5.38 | 4.91 | 4.51 | 4.17 |
| 568-NC3FD-S-1-B | NC3FD-S-1-B | F | 3 | Female | Gold | 5.93 | 5.42 | 4.98 | 4.61 |

### DL-1 Series

- Unified metal shell for male and female
- RF-protected
- Solder cups



For quantities greater than listed, call for quote.

|                             |             |   |   |        |        |       |       |      |      |
|-----------------------------|-------------|---|---|--------|--------|-------|-------|------|------|
| <b>Satin Nickel Housing</b> |             |   |   |        |        |       |       |      |      |
| 568-NC3MD-L-1               | NC3MD-L-1   | G | 3 | Male   | Silver | 3.97  | 3.53  | 3.30 | 3.13 |
| 568-NC3FD-L-1               | NC3FD-L-1   | H | 3 | Female | Silver | 3.49  | 3.05  | 2.84 | 2.62 |
| <b>Black Chrome Housing</b> |             |   |   |        |        |       |       |      |      |
| 568-NC3MD-L-1-B             | NC3MD-L-1-B | G | 3 | Male   | Gold   | 4.45  | 4.01  | 3.67 | 3.40 |
| 568-NC3FD-L-1-B             | NC3FD-L-1-B | H | 3 | Female | Gold   | 4.60  | 4.00  | 3.85 | 3.30 |
| 568-NC5FD-L-1-B             | NC5FD-L-1-B | H | 5 | Female | Gold   | 10.96 | 10.19 | 9.37 | 8.81 |

### D Series Rectangular

- Insert and shell design
- RF-protected
- Satin Ni housing
- PCB



For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Neutrik Part No. | Fig. | Mount      | Gender | Contacts: Qty / Type | Price Each |      |      |      |
|------------------|------------------|------|------------|--------|----------------------|------------|------|------|------|
|                  |                  |      |            |        |                      | 1          | 10   | 25   | 100  |
| 568-NC3MD-V      | NC3MD-V          | I    | Vertical   | Male   | 3 / Silver           | 4.76       | 4.42 | 4.03 | 3.62 |
| 568-NC3MD-H      | NC3MD-H          | I    | Horizontal | Male   | 3 / Silver           | 4.69       | 4.24 | 3.88 | 3.58 |
| 568-NC3FD-V      | NC3FD-V          | J    | Vertical   | Female | 3 / Silver           | 4.52       | 4.12 | 3.76 | 3.46 |
| 568-NC3FD-H      | NC3FD-H          | J    | Horizontal | Female | 3 / Silver           | 4.58       | 4.13 | 3.77 | 3.48 |

## A & B-SERIES XLR RECEPTACLES

### Specifications:

- Current rating per contact: 6A
- Rated voltage: 50VAC
- Contact resistance: female < 5mΩ, male: < 3mΩ

"A" Series: One piece high impact plastic shell. Internal shell and chassis contact.

"B" Series: Metal shell with plastic insert. Shell of F-version connected to mating shell with grounding contacts.



For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Neutrik Part No. | Fig. | No. of Cont. | Gender | Series | Mount      | Price Each |      |      |      |
|------------------|------------------|------|--------------|--------|--------|------------|------------|------|------|------|
|                  |                  |      |              |        |        |            | 1          | 10   | 25   | 100  |
| 568-NC3FAH-O     | NC3FAH-O         | K    | 3            | Female | "A" *  | Horizontal | 1.10       | 1.00 | .92  | .846 |
| 568-NC3FAH-2     | NC3FAH2          | K    | 3            | Female | "A" ** | Horizontal | 1.78       | 1.65 | 1.49 | 1.36 |
| 568-NC3FAV-O     | NC3FAV-O         | K    | 3            | Female | "A" *  | Vertical   | 1.20       | 1.08 | 1.00 | .922 |
| 568-NC3FBH-1     | NC3FBH1          | K    | 3            | Female | "B" ** | Horizontal | 2.78       | 2.52 | 2.31 | 2.13 |
| 568-NC3FBV-1     | NC3FBV1          | K    | 3            | Female | "B" ** | Vertical   | 2.78       | 2.52 | 2.31 | 2.13 |
| 568-NC3MAH       | NC3MAH           | L    | 3            | Male   | "A"    | Horizontal | 1.32       | 1.22 | 1.18 | 1.06 |
| 568-NC3MAH       | NC5MAH           | L    | 5            | Male   | "A"    | Horizontal | 4.69       | 3.85 | 3.52 | 3.25 |
| 568-NC3MAV       | NC3MAV           | L    | 3            | Male   | "A" *  | Vertical   | 1.32       | 1.22 | 1.13 | .964 |
| 568-NC3MAH-0     | NC3MAH-0         | L    | 3            | Male   | "A" *  | Horizontal | 1.32       | 1.22 | 1.13 | .964 |
| 568-NC3MAV-0     | NC3MAV-0         | L    | 3            | Male   | "A"    | Vertical   | 1.32       | 1.22 | 1.13 | .964 |
| 568-NC3MBH       | NC3MBH           | L    | 3            | Male   | "B"    | Horizontal | 2.77       | 2.52 | 2.31 | 2.05 |
| 568-NC4MBH       | NC4MBH           | L    | 4            | Male   | "B"    | Horizontal | 4.24       | 3.77 | 3.61 | 3.21 |
| 568-NC3MBV       | NC3MBV           | L    | 3            | Male   | "B"    | Vertical   | 2.67       | 2.42 | 2.22 | 2.05 |

\* No chassis ground \*\* Pin 1 directly connected to chassis and shell ground

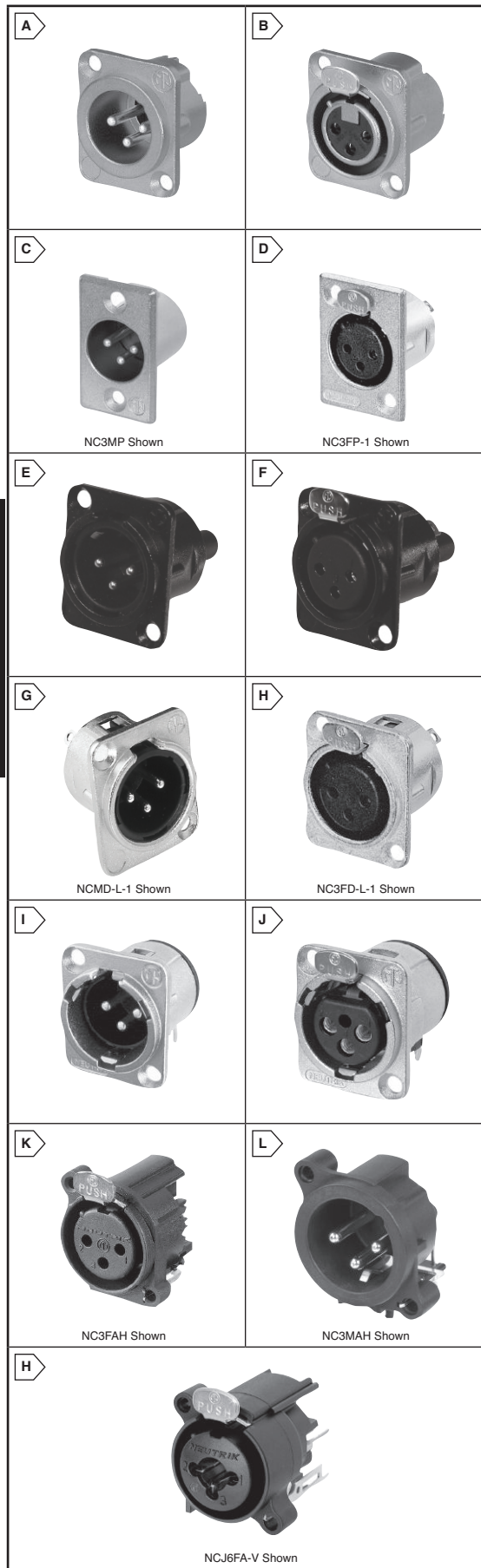
## COMBO A-SERIES XLR RECEPTACLES

### Features:

- 15% space savings
- Two connectors in one housing
- Very low conductor capacitance



| MOUSER STOCK NO. | Neutrik Part No. | Fig. | No. of Cont. | Gender | Mount      | Price Each |      |      |      |
|------------------|------------------|------|--------------|--------|------------|------------|------|------|------|
|                  |                  |      |              |        |            | 1          | 10   | 25   | 100  |
| 568-NCJ6FA-H     | NCJ6FA-H         | M    | 3            | Female | Horizontal | 2.11       | 1.90 | 1.71 | 1.57 |
| 568-NCJ6FA-H-0   | NCJ6FA-H-0       | M    | 3            | Female | Horizontal | 2.18       | 1.90 | 1.76 | 1.62 |
| 568-NCJ6FA-V     | NCJ6FA-V         | M    | 3            | Female | Vertical   | 1.89       | 1.69 | 1.54 | 1.42 |
| 568-NCJ6FA-V-0   | NCJ6FA-V-0       | M    | 3            | Female | Vertical   | 1.84       | 1.49 | 1.37 | 1.30 |



NC3MP Shown

NC3FP-1 Shown

NCMD-L-1 Shown

NC3FD-L-1 Shown

NC3FAH Shown

NC3MAH Shown

NCJ6FA-V Shown

