



# NC3FP-1

3 pole female receptacle, solder contacts, Nickel housing, silver contacts

Smallest available traditional style metal panel mount connector with large solder cups for ease hard wiring.

## Features & Benefits

- ✓ Smallest available hard wiring receptacles with large solder cups
- ✓ Short female receptacle
- ✓ Compatible with switchcraft D\*M, D\*F; Cannon XLB2\*31, XLB2\*32

## Technical Information

| Product         |         |
|-----------------|---------|
| Title           | NC3FP-1 |
| Connection Type | XLR     |
| Gender          | female  |

| Electrical                   |                                  |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 4 \text{ pF}$              |
| Contact resistance           | $\leq 5 \text{ m}\Omega$         |
| Dielectric strength          | 1,5 kVdc                         |
| Insulation resistance        | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact    | 16 A                             |
| Rated voltage                | $< 50 \text{ V}$                 |

| Mechanical         |                        |
|--------------------|------------------------|
| Insertion force    | $\leq 20 \text{ N}$    |
| Withdrawal force   | $\leq 20 \text{ N}$    |
| Lifetime           | $> 1000$ mating cycles |
| Wiresize           |                        |
| Wiring             | Solder contacts        |
| Locking device     | Latch lock             |
| Mounting direction | Front mounting         |
| Chassis shape      | P                      |

| Material                |                            |
|-------------------------|----------------------------|
| Contact plating         | 2 µm Ag over 2 µm Ni       |
| Contacts                | Bronze (CuSn6)             |
| Insert                  | Polyamide (PA 6.6 30 % GR) |
| Locking element         | Steel Ck67                 |
| Locking element plating | Nickel                     |
| Shell                   | Zinc diecast (ZnAl4Cu1)    |
| Shell plating           | Nickel                     |

| Environmental       |                           |
|---------------------|---------------------------|
| Flammability        | UL 94 HB                  |
| Standard compliance | IEC 61076-2-103           |
| Protection class    | IP 40                     |
| Solderability       | Complies with IEC 68-2-20 |
| Temperature range   | -30 °C to +80 °C          |