



NC6FSP-1

6 pole female receptacle, solder contacts, Nickel housing, silver contacts. Equivalent to switchcraft pin layout.

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 contact arrangement

Technical Information

| Product | |
|-----------------|----------|
| Title | NC6FSP-1 |
| Connection Type | XLR |
| Gender | female |

| Electrical | |
|------------------------------|---------------------------------|
| Capacitance between contacts | $\leq 7 \text{ pF}$ |
| Contact resistance | $\leq 5 \text{ m}\Omega$ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | $> 2 \text{ G}\Omega$ (initial) |
| Rated current per contact | 7,5 A |
| Rated voltage | $< 50 \text{ V}$ |

| Mechanical | |
|--------------------|-----------------------------|
| Insertion force | $\leq 20 \text{ N}$ |
| Withdrawal force | $\leq 20 \text{ N}$ |
| Lifetime | > 1000 mating cycles |
| Wiresize | max. 1.0 mm^2 |
| Wiresize | max. 18 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |
| Mounting direction | Front mounting |
| Chassis shape | P |
| Equivalent | Switchcraft pin arrangement |

| Material | |
|-------------------------|----------------------------|
| Contact plating | 2 µm Ag over 2 µm Ni |
| Contacts | Brass (CuZn39Pb3) |
| 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 |