



## **NA3MDF**

XLR male-female feedthrough adapter for panel mount

## Technical Information

| Product                |         |
|------------------------|---------|
| <b>Title</b>           | NA3MDF  |
| <b>Connection Type</b> | Adapter |

| Electrical                          |                                 |
|-------------------------------------|---------------------------------|
| <b>Capacitance between contacts</b> | $\leq 4 \text{ pF}$             |
| <b>Contact resistance</b>           | $\leq 5 \text{ m}\Omega$        |
| <b>Dielectric strength</b>          | 1,5 kVdc                        |
| <b>Insulation resistance</b>        | $> 2 \text{ G}\Omega$ (initial) |
| <b>Rated current per contact</b>    | 16 A                            |
| <b>Rated voltage</b>                | $< 50 \text{ V}$                |

| Mechanical              |                         |
|-------------------------|-------------------------|
| <b>Insertion force</b>  | $\leq 20 \text{ N}$     |
| <b>Withdrawal force</b> | $\leq 20 \text{ N}$     |
| <b>Lifetime</b>         | $> 1000$ mating cycles  |
| <b>Wire size</b>        | max. $2.5 \text{ mm}^2$ |
| <b>Wire size</b>        | max. 14 AWG             |
| <b>Wiring</b>           | Solder contacts         |
| <b>Locking device</b>   | Latch lock              |
| <b>Chassis shape</b>    | D                       |

| Material        |                            |
|-----------------|----------------------------|
| Contact plating | 2 µm Ag over 2 µm Ni       |
| Insert          | Polyamide (PA 6.6 30 % GR) |
| Locking element | Steel Ck67                 |
| 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          |