



MRF12

12 pole female chassis connector panel mount, solder contacts

The miniCON with its flexible and compact design is perfectly suitable for multipin/industrial applications. The rugged all metal miniature connector offers a push-pull locking device and stands out by an excellent cost/performance ratio.

Features & Benefits

- Easy assembly: Contact soldering in disassembled condition avoids awkward wiring of high density contacts.
- Push-pull self-locking system
- Gold plated contacts
- Velour chromium housing
- Rugged, precisely machined all metal design

Technical Information

| Product | |
|-----------------|---------|
| Title | MRF12 |
| Connection Type | miniCON |
| Gender | female |

| Electrical | |
|---------------------------|--------------------------|
| Contact resistance | $\leq 8 \text{ m}\Omega$ |
| Dielectric strength | 1 kVdc |
| Insulation resistance | $> 0.5 \text{ G}\Omega$ |
| Rated current per contact | 3 A |
| Rated voltage | $< 50 \text{ V}$ |

| Mechanical | |
|--------------------|--------------------|
| Cable retention | $> 20 \text{ N}$ |
| Insertion force | $< 25 \text{ N}$ |
| Wiresize | $0,5 \text{ mm}^2$ |
| Wiresize | 20 AWG |
| Wiring | Solder contacts |
| Locking device | Push-Pull |
| Mounting direction | Rear mounting |
| Chassis shape | 14.10 mm |

| Material | |
|-----------------|-------------------------|
| Contact plating | 0.2 µm AuCo |
| Contacts | Bronze (CuSn6) |
| Insert | Polyamide (PA 6.6) |
| Shell | Zinc diecast (ZnAl4Cu1) |

| Environmental | |
|-------------------|---------------------------|
| Flammability | UL 94 V-0 |
| Protection class | IP 5X |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |