



MPF12-V

12 pole female chassis connector, vertical PCB mount

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

- ✓ Velour chromium housing
- ✓ Push-pull self-locking system
- ✓ Rugged, precisely machined all metal design
- ✓ Gold plated contacts
- ✓ Fully loaded receptacle for vertical PCB mount

Technical Information

Product	
Title	MPF12-V
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

Wiresize	0,5 mm ²
Wiresize	20 AWG
Wiring	vertical PCB mount
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