



MPF12-H

12 pole female chassis connector, horizontal 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 horizontal PCB mount

Technical Information

Product	
Title	MPF12-H
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	
Insertion force	$< 25 \text{ N}$
Wiresize	$0,5 \text{ mm}^2$
Wiresize	20 AWG
Wiring	Horizontal PCB mount
Locking device	Push-Pull
Mounting direction	Rear mounting
Chassis shape	14.10 mm

Material	
Contact plating	$0.2 \text{ }\mu\text{m AuCo}$
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