

NC3MAFH-PH

Chassis connector Phoenix H female (A series layout)

A series sized lockable Phoenix receptacle which mates with the common Phoenix connector type MSTB 2,5/3-ST. The connector features the standard A-size panel cut-out and pcb layout which allows a direct swap from A-series to the Phoenix version.

Product	
Gender	male
Electrical	
Contact resistance	$\leq 6 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 1 \text{ G}\Omega$ (after damp heat test)
Number of electrical contacts	3
Rated current per contact	6 A
Rated voltage	50 V
Mechanical	
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	> 1000 mating cycles
Wiring	Horizontal PCB mount
RW / Straight	no
Locking device	Phoenix Phoenix
Mounting direction	rear
Chassis shape	A
Mounting	A-Screw
Material	
Contact plating	2 μm Ag
Contacts	Brass (CuZn35Pb2)
Insert	Polyamide (PA 6.6 30 % GR)
Labeling	no
Environmental	
Flammability	UL 94 V-0
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C