



**Audio**

## D Shape Adapters

### NA3MDF

#### Product

Connector Type Adapter

#### Electrical

Capacitance between contacts  $\leq 4$  pF  
Contact resistance  $\leq 5$  m $\Omega$   
Dielectric strength 1,5 kVdc  
Insulation resistance  $> 2$  G $\Omega$  (initial)  
Insulation resistance  $> 1$  G $\Omega$  (after damp heat test)  
Rated current per contact 16 A  
Rated voltage 50 V

#### Mechanical

Insertion force  $\leq 20$  N  
Withdrawal force  $\leq 20$  N  
Lifetime  $> 1000$  mating cycles  
Wire size max. 2.5 mm<sup>2</sup>  
Wire size max. 14 AWG  
Wiring Solder contacts  
Locking device latch lock  
Mounting direction front & rear  
Chassis shape D

#### Material

Contact plating 2  $\mu$ m Ag over 2  $\mu$ m Ni  
Contacts female: Bronze (CuSn6), male: Brass (CuZn35Pb2)  
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