

TECHNICAL SPECIFICATION



Technical Information

Product

Title NJ3FP6C-BAG

Connection Type Jack

Gender female

Electrical

Contact resistance < 6 mΩ (initial)

Dielectric strength 1 kVdc

Insulation resistance ≥ 1 GΩ @ 500 V dc

Rated current per contact 10 A

Mechanical

Insertion force < 30 N

Withdrawal force < 20 N

Lifetime > 10000 mating cycles

Locking force > 80 N

Wiresize 1 mm²

Wiresize 18 AWG

Wiring Solder contacts

Locking device Latch lock

Mounting direction Front mounting

Chassis shape D

Material

Contact plating 2 μm Ag

Contacts Brass (CuZn37) (Ground)

Insert Polyamide (PA 6.6 30 % GR)

Shell Zinc diecast (ZnAl4Cu1)

Shell plating Black

Strain relief Polyacetal (POM)

Environmental

Standard compliance EIA RS 453, IEC 60603-11

Solderability Complies with IEC 68-2-20

Temperature range -25 °C to +70 °C



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