

IPT 8mm 2 PIN CONNECTOR (180°)

High voltage, high current, 16mm²~50mm²Cable, Metallic shielded, HVIL

Product type:

Plug:

IPT2P80FSX16 (16 mm²,Line $\phi 9.95 \pm 0.25$ mm)
 IPT2P80FSX25 (25 mm²,Line $\phi 11.9 \pm 0.3$ mm)
 IPT2P80FSX35 (35 mm², Line $\phi 14 \pm 0.4$ mm)
 IPT2P80FSX50 (50 mm², Line $\phi 15.4 \pm 0.4$ mm)

Socket:

IPT2P80MRX00 (Terminal tail tapping thread)

M6 screw, "X" refers to code code 1/2/3/4

High Voltage Interlocking Terminal and with Shield

Matching design:

Socket reverse loading by screw, PLUG Plug installing by screw

Terminals specifications:

2x Ø 8 mm Radsok, Plating Ag

IP level:

IP67, IP6K9K

Rated current:

16 mm² 100A
 25mm² 150A
 35mm² 180A
 50mm² 250A

Maxi rated voltage:

1000V DC

Matint &Unmating force:

≤ 100N

Durability:

≥ 50

working temperature:

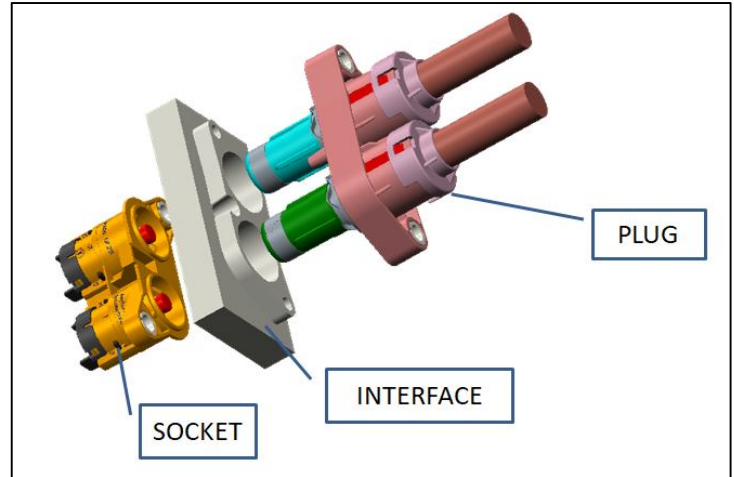
-40°C to +140°C

Materials:

Plastic Shell Material: PA66, UL94-V0, Ral2003

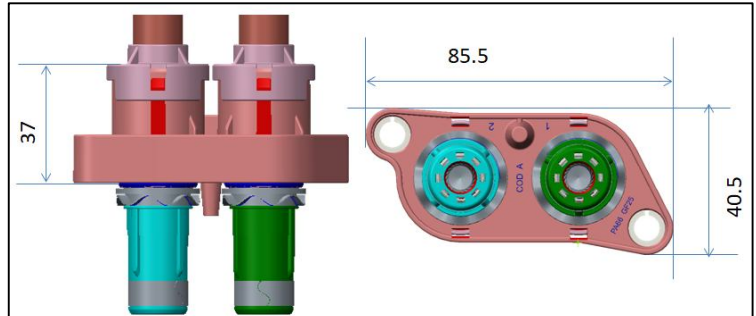
Terminal material: Copper alloy

RFI/EMI: Metal shield



Outline size:

PLUG:



SOCKET (TYPE1):

