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Part Number: [0551000870](#)
Status: **Active**
Description: 2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 8 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-54280-005-001 \(PDF\)](#)
[Application Specification 551000680AS-A00 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family I/O Connectors
Series [55100](#)
Application Wire-to-Wire
Component Type Plug
Product Name N/A
Type N/A
UPC 822348181841

Physical

Circuits (Loaded) 8
Circuits (maximum) 8
Color - Resin Black, Gray
Lock to Mating Part Yes
Material - Metal Phosphor Bronze, Stainless Steel
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic, Polycarbonate
Net Weight 11208.938/mg
Orientation Vertical
PCB Retention N/A
Packaging Type Bag
Panel Mount No
Pitch - Mating Interface 2.00mm
Plating min - Mating 0.762µm
Plating min - Termination 2.032µm
Polarized to Mating Part Yes
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -40° to +85°C
Termination Interface: Style N/A
Wire Insulation Diameter 2.10mm max.
Wire Size AWG 16, 18, 20, 22, 24, 26, 28

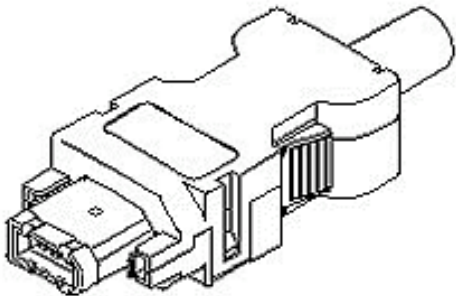
Electrical

Current - Maximum per Contact 2.0A
Shielded Yes
Voltage - Maximum 125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification 551000680AS-A00
Product Specification PS-54280-005-001
Sales Drawing SD-55100-003



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[55100 Series](#)

Mates With

2.00mm Pitch Serial I/O Connector
[54280-0809](#) , [500655-0809](#) , [500655-0819](#)

Crimp Terminal [500145-0128](#)

Mouser Electronics

Authorized Distributor

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