

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0551000670](#)
Status: **Active**
Description: 2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 6 Circuits

Documents:

[3D Model](#) [Product Specification PS-54280-005-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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 822348181865

Physical

Circuits (Loaded) 6
 Circuits (maximum) 6
 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 9741.381/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°C to +85°C
 Termination Interface: Style N/A
 Wire Insulation Diameter 2.10mm max.
 Wire Size AWG 16, 18, 20, 22, 24, 26, 28

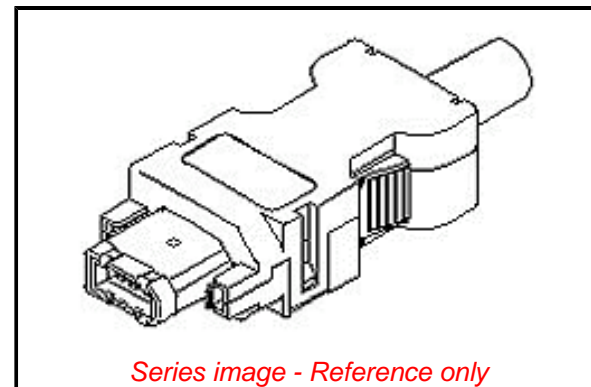
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification PS-54280-005-001
 Sales Drawing SD-54280-011, SD-55100-004



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[55100](#) Series

Mates With

[54280](#)