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Part Number: **0551000870**
Status: **Active**
Overview: 2.00mm I/O Connectors
Description: 2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 8 Circuits

Documents:

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

General

Product Family	I/O Connectors
Series	<u>55100</u>
Application	Wire-to-Wire
Component Type	Plug
Overview	<u>2.00mm I/O Connectors</u>
Product Name	2.00mm I/O Connectors
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

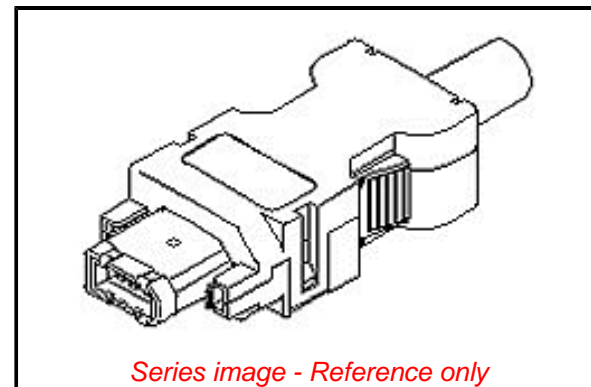
Electrical

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-55100-003-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

55100 Series

Mates With

2.00mm Pitch Serial I/O Connector
542800809 , 5006550809 , 5006550819

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