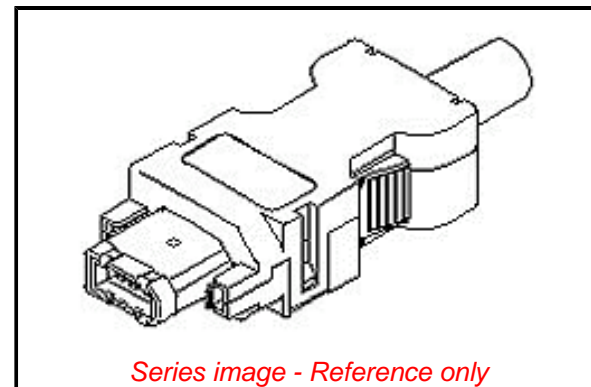


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**Part Number:** **0551000670**  
**Status:** **Active**  
**Overview:** 2.00mm I/O Connectors  
**Description:** 2.00mm Pitch Serial I/O Connector, Plug Kit, Wire-to-Wire, Solder Type, 6 Circuits, Bag

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 551000680AS-A00 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 551009200-SPK-200 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-54280-005-001 (PDF)</a>	



**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	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	9414.493/mg
Orientation	Vertical
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
Packaging Specification	551009200-SPK-200
Product Specification	PS-54280-005-001
Sales Drawing	SD-54280-011-001, SD-55100-004-001

**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 IEEE 1394-1995 I/O PCB  
Socket [534620629](#) <br>2.00mm Pitch Serial  
I/O Connector [542800609](#) , [5006550609](#) ,  
[5006550619](#)

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