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Part Number: [0542800609](#)
Status: **Active**
Overview: [2.00mm I/O Connectors](#)
Description: 2.00mm Pitch Serial I/O Connector, Receptacle Kit, Wire-to-Wire, Solder Type, 6 Circuits

Documents:

[3D Model](#) [Application Specification 5006540609AS-A00 \(PDF\)](#)
[3D Model \(PDF\)](#) [Application Specification 551000680AS-A00 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54280-005-001 \(PDF\)](#)

General

Product Family I/O Connectors
Series [54280](#)
Application Wire-to-Wire
Component Type Receptacle
Overview [2.00mm I/O Connectors](#)
Product Name 2.00mm I/O Connectors
Type N/A
UPC 822348189182

Physical

Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Black, Gray
Durability (mating cycles max) 1500
Lock to Mating Part Yes
Material - Metal Phosphor Bronze, Steel
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic, Polycarbonate
Net Weight 10000.080/mg
Orientation Vertical
Packaging Type Bag
Panel Mount No
Pitch - Mating Interface 2.00mm
Plating min - Mating 0.762µm
Plating min - Termination 3.048µm
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

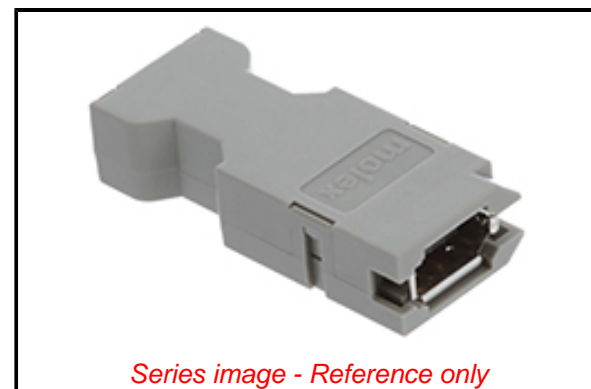
Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification [5006540609AS-A00](#), [551000680AS-A00](#)
Product Specification [PS-54280-005-001](#)
Sales Drawing [SD-54280-008-001](#), [SD-54280-011-001](#)



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

[54280 Series](#)

Mates With

[2.00mm Pitch Serial I/O Connector](#)
[551000670](#) , [551000680](#) , [5006540609](#)

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