

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0542800809

Status:

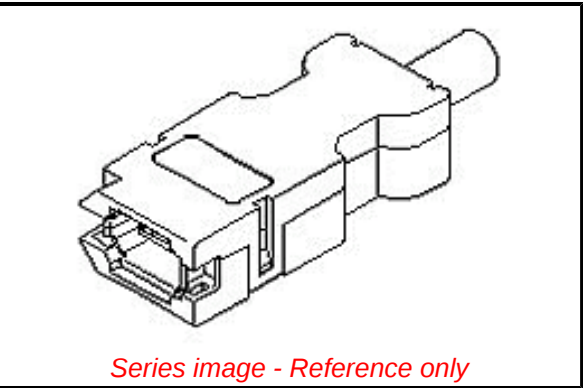
Active

Overview:

2.00mm I/O Connectors

Description:

2.00mm Pitch Serial I/O Connector, Receptacle Kit, Wire-to-Wire, Solder Type, 8 Circuits



Documents:

[3D Model](#)

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-54280-005-001 \(PDF\)](#)

[Application Specification 5006540609AS-A00 \(PDF\)](#)

[Application Specification 551000680AS-A00 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

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	822348189199
Physical	
Circuits (Loaded)	8
Circuits (maximum)	8
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	10962.577/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-54280-009-001

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

54280 Series

Mates With

2.00mm Pitch Serial I/O Connector

551000870 , 5006540809

This document was generated on 09/20/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

54280-0809