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Part Number: 0542800609
Status: Active
Description: 2.00mm Pitch Serial I/O Connector, Receptacle Kit, Wire-to-Wire, Solder Type, 6 Circuits

Documents:

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

General

Product Family I/O Connectors
Series 54280
Application Wire-to-Wire
Component Type Receptacle
Product Name N/A
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 10421.894/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°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

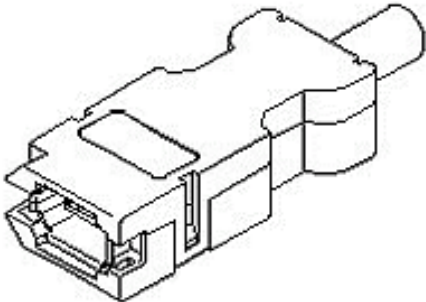
Electrical

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-54280-008, SD-54280-011-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

54280 Series

Mates With

2.00mm Pitch Serial I/O Connector
55100-0670 , 500654-0609
 Crimp
Terminal 50639-8028