

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [54280-0609](#)
Status: **Active**
Description: 2.00mm Pitch Serial I/O Connector, Receptacle Kit, Wire-to-Wire, Solder Type, Lead-Free

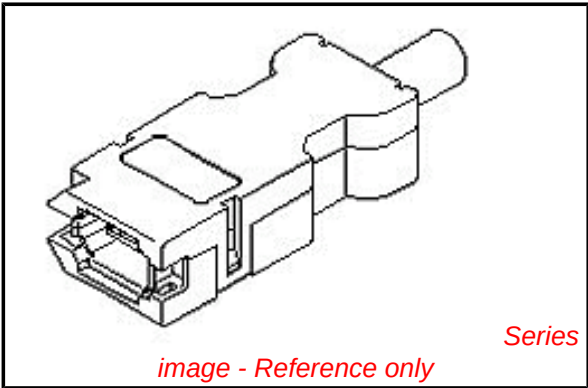
Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54280-005 \(PDF\)](#)

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
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
PCB Retention	N/A
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	2A
Shielded	Yes
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers	
Product Specification	PS-54280-005
Sales Drawing	SD-54280-008, SD-54280-011



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[54280Series](#)

Mates With
[55100-0670](#)