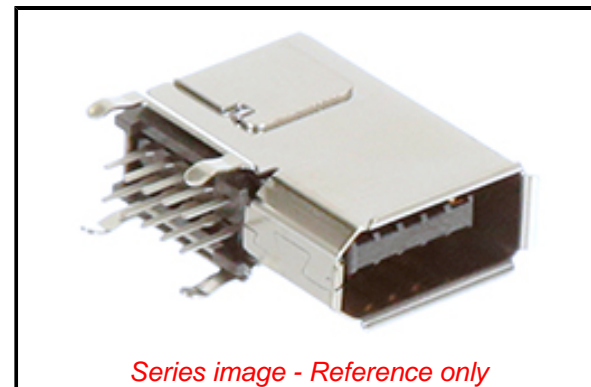


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0554451029](#)  
**Status:** **Active**  
**Overview:** [2.00mm I/O Connectors](#)  
**Description:** 2.00mm Pitch I/O PCB Receptacle, Upright-Style, Phosphor Bronze Shell, 10 Circuits

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 554459200-200 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification 554450000-000 (PDF)</a>	



Series image - Reference only

**General**

Product Family	I/O Connectors
Series	<a href="#">55445</a>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">2.00mm I/O Connectors</a>
Product Name	2.00mm I/O Connectors
Type	N/A
UPC	191128174824

**Physical**

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	50
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6139.148/mg
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.305µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	2.0A
Shielded	Yes
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	554459200-200
Product Specification	554450000-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**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**

[55445 Series](#)

**Mates With**

2.00mm Pitch I/O Hand Soldering Type Plug  
Set [545991016](#) , [545991019](#) , [545991026](#)

This document was generated on 10/28/2021

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