

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

**Part Number:** [0549442670](#)  
**Status:** **Obsolete**  
**Description:** 0.50mm (.020") Pitch Cradlecon™ I/O Receptacle, SMT, Right Angle, Through Hole Shell Tabs, 26 Circuits

**Documents:**  
[Drawing \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	54944
Application	Board-to-Board
Component Type	Receptacle
Product Name	CradleCon™
Type	N/A

**Physical**

Circuits (Loaded)	26
Circuits (maximum)	26
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Orientation	Right Angle
PCB Retention	Yes
PCB Thickness - Recommended	0.80mm (.031"), 1.00mm (.039")
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.50mm (.020")
Plating min - Mating	0.203µm (8µ")
Plating min - Termination	2.032µm (80µ")
Polarized to Mating Part	Yes
Temperature Range - Operating	-20°C to +60°C
Termination Interface: Style	Surface Mount

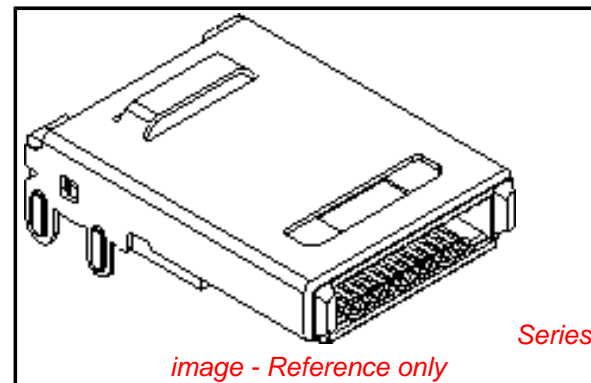
**Electrical**

Current - Maximum per Contact	0.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-54944-027
Sales Drawing	SD-54944-025, SD-54944-026



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

54944Series

**Mates With**

501054-2670