

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

**Part Number:** [5010141474](#)  
**Status:** **Active**  
**Description:** 0.50mm Pitch Cradlecon™ I/O Plug, Surface Mount, Right Angle, Through Hole Shell Tabs, 14 Circuits, with Pick-and-Place Polyimide Tape

**Documents:**

[3D Model](#) [Product Specification PS-59205-011-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-500887-002-001 \(PDF\)](#)

**General**

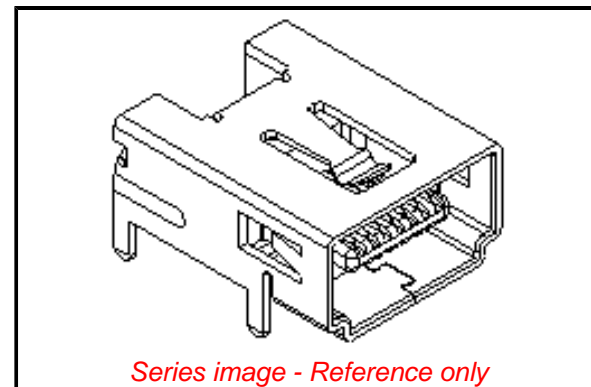
Product Family	I/O Connectors
Series	<a href="#">501014</a>
Application	Wire-to-Board
Comments	With Pick-and-Place Polyimide Tape
Component Type	Plug
Product Name	CradleCon™
Type	N/A
UPC	822348215355

**Physical**

Boot Color	N/A
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Gender	Plug
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	391.060/mg
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	0.80mm, 1.00mm
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.203µm
Plating min - Termination	2.032µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +60°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	0.4A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

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

[501014 Series](#)

**Mates With**

Custom Harness, [500887-1419](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-500887-002-001, PS-59205-011-001  
SD-501014-007, SD-501014-008

This document was generated on 07/25/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**