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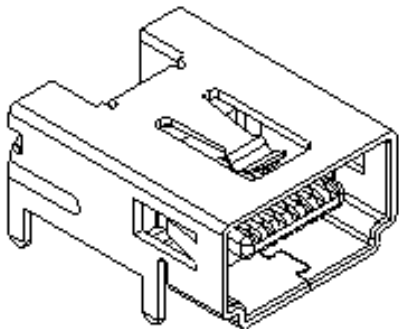
Part Number: [5010141474](#)
Status: **Active**
Description: 0.50mm Pitch Cradlecon™ I/O Plug, Surface Mount, Right Angle, Through Hole Shell Tabs, 14 Circuits, with Pick-and-Place Polyimide Tape

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

General
Product Family I/O Connectors
Series [501014](#)
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 Please visit the Contact Us section for any non-product compliance questions.	China RoHS China ROHS ELV RoHS Phthalates	Green Image Not Relevant Not Contained
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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

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