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Part Number: [5010142071](#)
Status: **Active**
Description: 0.50mm Pitch Cradlecon™ I/O Plug, SMT, Right Angle, Through Hole Shell Tabs, 20 Circuits

Documents:

[3D Model](#) [Product Specification PS-54944-028 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family I/O Connectors
Series [501014](#)
Application Board-to-Board
Component Type Plug
Product Name CradleCon™
Type N/A

Physical

Boot Color N/A
Circuits (Loaded) 20
Circuits (maximum) 20
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
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 0.5A
Shield Type Full Shield
Shielded Yes
Voltage - Maximum 30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification PS-54944-028, RPS-54944-012, RPS-54944-013

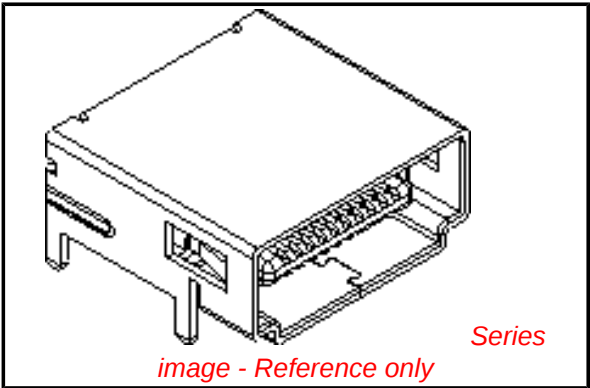


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EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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Search Parts in this Series

[501014Series](#)

Mates With

[5128320*6 Vertical](#), [Link:549442070 Right Angle](#)

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