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Part Number: [0549443673](#)
Status: **Obsolete**
Description: 0.50mm (.020") Pitch Cradlecon™ I/O Receptacle, SMT, Right Angle, Through Hole Shell Tabs, 36 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)	36
Circuits (maximum)	36
Color - Resin	Black
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
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-54944-029
Sales Drawing	SD-54944-027, SD-54944-028

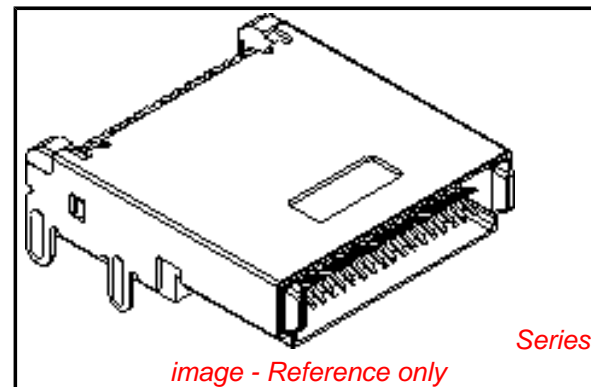


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EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

China RoHS



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