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Part Number: **5008252670**
Status: **Planned for Obsolescence**
Description: 0.50mm (.020") Pitch Cradlecon™ I/O Receptacle, SMT, Right Angle, Through Hole Shell Tabs, 26 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-500825-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-500825-001 \(PDF\)](#)

General

Product Family	I/O Connectors
Series	500825
Application	Board-to-Board
Component Type	Receptacle
Product Name	CradleCon™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	26
Circuits (maximum)	26
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.50mm (.020")
Pitch - Termination Interface	0.50mm (.020")
Plating min - Mating	0.203µm (8µ")
Plating min - Termination	2.032µm (80µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +65°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

Packaging Specification	SPK-500825-001
Product Specification	PS-500825-001, RPS-500825-002, RPS-500825-003
Sales Drawing	SD-500825-003, SD-500825-004

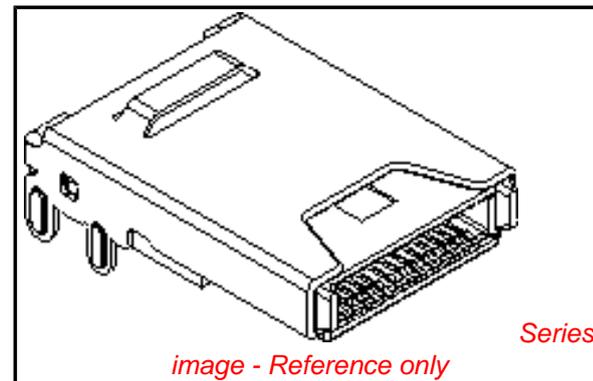


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EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Low-Halogen Status
Not Reviewed**

China RoHS



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Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

500825Series

Mates With

500687-2670 , 501054-2670

This document was generated on 03/10/2011

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