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Part Number: **5006872670**
Status: **Planned for Obsolescence**
Description: 0.50mm (.020") Pitch Cradlecon™ I/O Plug with Shutter, SMT, Right Angle, with 2 SMT Shell Tabs, 26 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-500687-001 \(PDF\)](#)
[Product Specification PS-500825-001 \(PDF\)](#)
[Product Specification PS-500825-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	500687
Application	Wire-to-Board
Component Type	Plug
Product Name	CradleCon™
Type	N/A

Physical	
Circuits (Loaded)	26
Circuits (maximum)	26
Color - Resin	Black
Lock to Mating Part	Yes
Material - Metal	Brass
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
Polarized to PCB	Yes
Temperature Range - Operating	-20°C to +65°C
Termination Interface: Style	Surface Mount

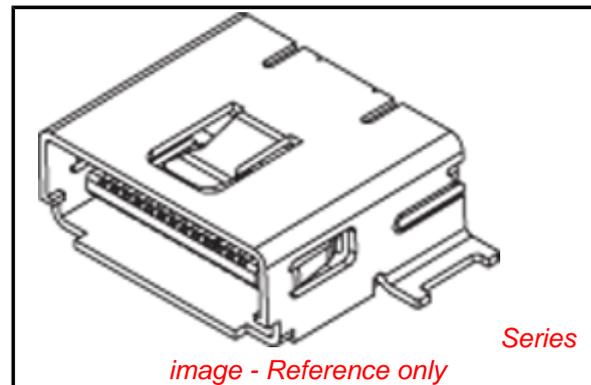
Electrical

Current - Maximum per Contact	0.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Product Specification	PS-500687-001, PS-500825-001, RPS-500687-001, RPS-500825-002
Sales Drawing	SD-500687-001, SD-500687-002



EU RoHS

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

China RoHS



Need more information on product environmental compliance?

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

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

500687Series

Mates With

500825-2670