

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

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

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 (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Pitch - Term. Interface (in)	0.020 In
Pitch - Term. Interface (mm)	0.50 mm
Plating min: Mating (µin)	8
Plating min: Mating (µm)	0.2
Plating min: Termination (µin)	80
Plating min: Termination (µm)	2
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

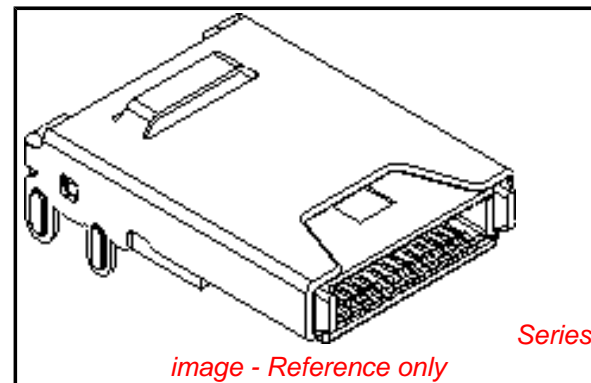


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
 Not Reviewed
Halogen-Free
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
 500825Series

Mates With
 500687-2670 , 501054-2670

This document was generated on 04/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

