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Part Number:

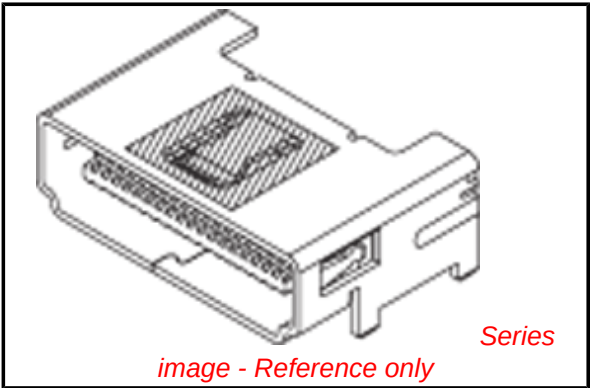
5012313674

Status:

Obsolete

Description:

0.50mm (.020") Pitch Cradlecon™ I/O Plug, SMT, Right Angle, Through Hole Shell Tabs, 36 Circuits



Documents:

Drawing (PDF)

General	
Product Family	I/O Connectors
Series	501231
Application	Board-to-Board
Component Type	Plug
Product Name	CradleCon™
Type	N/A
Physical	
Boot Color	N/A
Circuits (Loaded)	36
Circuits (maximum)	36
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 (.031"), 1.00mm (.039")
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 +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-54944-029
Sales Drawing	SD-501231-001, SD-501231-002

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

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For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

501231Series

Mates With

54944-3673

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