

**Part Number: 500596-1474**

0.635mm Pitch SlimStack™ Board-to-Board Receptacle, SMT, Dual Row, Vertical Stacking, 5.00 to 10.00mm Stacking Heights, with Cover, 140 Circuits, Embossed Tape

Image not available

Status:	OBsolete
Replacement:	5005961479
Series:	500596
Category:	PCB Receptacles

Series image - Reference only

Mates With Part(s):

[500599](#) for Stack Height 6.00mm, [501869](#) for Stack Height 9.00mm

Product Environmental Compliance

EU RoHS: Compliance Status Not Reviewed

China RoHS:

REACH SVHC: Not Reviewed

Low-Halogen Status: Not Reviewed

Part Detail**General**

Status	Obsolete
Category	PCB Receptacles
Series	500596
Application	Board-to-Board, Signal
Comments	Stacking-Type
Product Name	SlimStack™

Physical

Circuits (Loaded)	140
Circuits (maximum)	140
Color - Resin	Natural
Durability (mating cycles max)	50
Glow-Wire Compliant	No
Lock to Mating Part	None
Mated Height	6.00mm, 9.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.64mm
Plating min - Mating	0.762µm
Plating min - Termination	2.032µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	0.5A
Voltage - Maximum	100V

Material Info

UPC	822350223065
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Reference - Drawing Numbers

Product Specification	PS-500596-002
Sales Drawing	SD-500596-008, SD-500596-009

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)