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**Part Number:** [503557-1600](#)  
**Status:** **Active**  
**Description:** 2.00mm (.079") Pitch Wire-to-Board PCB Receptacle, Through Hole, Dual Row, Vertical, With Floating Feature for Blind Mating, 16 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-503557-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-503557-001 (PDF)</a>
<a href="#">Product Specification PS-503557-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Receptacles
Series	<a href="#">503557</a>
Application	Wire-to-Board
Product Name	N/A
UPC	884982144170

**Physical**

(p)ower-(s)ignal Configuration	16s - 0p
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Nickel, Tin
Material - Resin	Polyester
Net Weight	3993.840/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.00mm
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Polarized to PCB	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

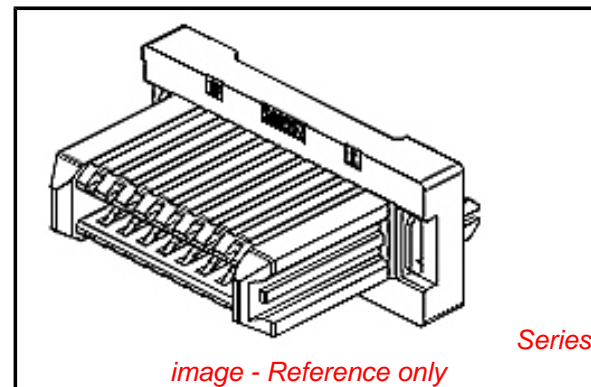
**Electrical**

Current - Maximum per Contact	2A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-503557-001
Packaging Specification	SPK-503557-001
Product Specification	PS-503557-001
Sales Drawing	SD-503557-001



**EU RoHS**

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

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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.

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