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**Part Number:** [53521-0640](#)  
**Status:** **Active**  
**Description:** 7.92mm Pitch Header, Vertical, Expandable Base, 6 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51144-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51144-002 (PDF)</a>	

**Agency Certification**

CSA	LR19980
TUV	R72090224
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">53521</a>
Application	Power, Wire-to-Board
Product Name	N/A
UPC	800753469754

**Physical**

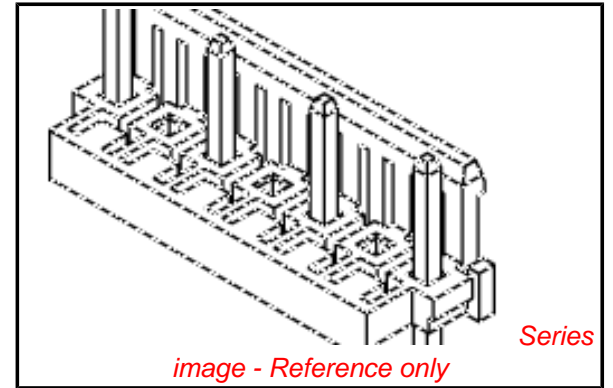
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	1916.800/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	7.92mm
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	6A
Voltage - Maximum	250V

**Material Info**

**Reference - Drawing Numbers**



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Low-Halogen Status  
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.

**Search Parts in this Series**

[53521Series](#)

**Mates With**

[51144 Crimp Terminal](#)

Product Specification

Sales Drawing

PS-51144-002, PS-51144-003, RPS-51144-001,  
RPS-51144-003, RPS-51144-005, RPS-51144-006,  
RPS-51144-008, RPS-51144-009  
SD-53521-001

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