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**Part Number:** **0535200520**  
**Status:** **Contact Molex**  
**Description:** 3.96mm (.156") Pitch Wire-to-Board Header, Vertical, Expandable Base, 5 Circuits, without Beveled Plastic Pegs, Bag Packaging

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51144-003 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-53520-001 (PDF)</a>
<a href="#">Product Specification PS-51144-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
TUV	R72090224
UL	E29179

**General**

Product Family	PCB Headers
Series	<u>53520</u>
Application	Power, Wire-to-Board
Product Name	N/A

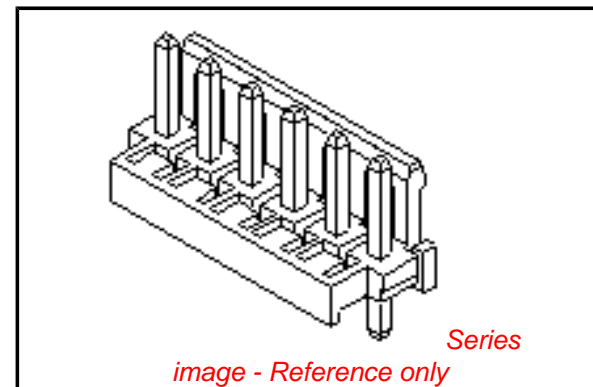
**Physical**

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural
Durability (mating cycles max)	30
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 - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm (.138")
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Bag
Pitch - Mating Interface	3.96mm (.156")
Polarized to PCB	No
Shrouded	Partial
Stackable	Yes
Surface Mount Compatible (SMC)	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**



**EU RoHS**

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

**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**

53520Series

**Mates With**

51144 Crimp Terminal

## Reference - Drawing Numbers

Packaging Specification  
Product Specification

SPK-53520-001  
PS-51144-002, PS-51144-003, RPS-51144-001,  
RPS-51144-005, RPS-51144-006, RPS-51144-007,  
RPS-51144-008, RPS-51144-009, RPS-51144-011  
SD-53520-001, SD-53520-003

Sales Drawing

This document was generated on 05/17/2011

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