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Part Number: [0535201220](#)
Status: **Contact Molex**
Description: 3.96mm (.156") Pitch Wire-to-Board Header, Vertical, Expandable Base, 12 Circuits, without Beveled Plastic Pegs, Bag Packaging

Documents:
[3D Model](#) [Product Specification PS-51144-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification SPK-53520-001 \(PDF\)](#)
[Product Specification PS-51144-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR19980
TUV	R72090224
UL	E29179

General

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

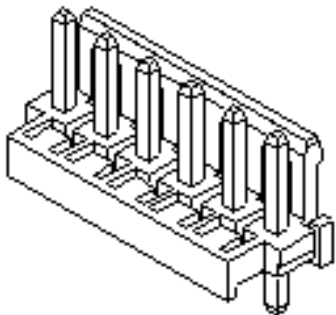
Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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



*Series
image - Reference only*

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
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

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