

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0681512025](#)  
**Status:** **Active**  
**Description:** 2.50mm Pitch Wire-to-Board Header, 1.02mm Tab, Right Angle , 20 Circuits, Gray

**Documents:**

[3D Model](#) [Packaging Specification PK-68151-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family PCB Headers  
 Series [68151](#)  
 Application Power, Wire-to-Board  
 Product Name N/A  
 UPC 756054303184

**Physical**

Breakaway No  
 Circuits (Loaded) 20  
 Circuits (maximum) 20  
 Color - Resin Gray  
 Durability (mating cycles max) 50  
 First Mate / Last Break No  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Polyester  
 Net Weight 6.388/g  
 Number of Rows 2  
 Orientation Right Angle  
 PC Tail Length 4.00mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.50mm  
 Plating min - Mating 0.813µm  
 Plating min - Termination 0.813µm  
 Shrouded Partial  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -30°C to +85°C  
 Termination Interface: Style Through Hole

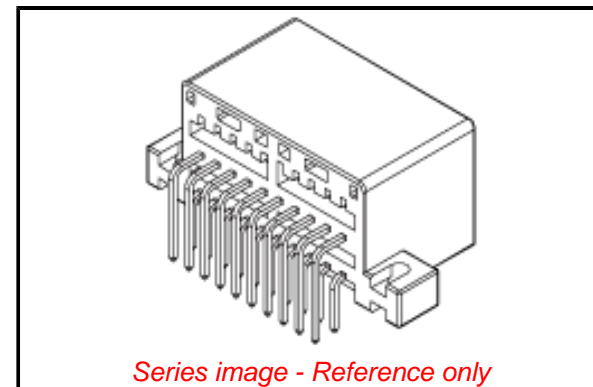
**Electrical**

Current - Maximum per Contact 5.0A  
 Voltage - Maximum 12V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-68151-002-001  
 Sales Drawing SD-68151-002



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS	Not Relevant
ELV	Compliant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[68151](#) Series

**Mates With**

[35564](#) Wire-to-Board Housing

This document was generated on 08/28/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**