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**Part Number:** [0681451625](#)  
**Status:** **Active**  
**Description:** 1.02mm (.040") Pitch Wire-to-Board Header, 1.02mm (.040") Tab Type, Vertical, 16 Circuits, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-68145-005 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-68145-002 (PDF)</a>	

**General**

Product Family	PCB Headers
Series	68145
Application	Wire-to-Board
Product Name	N/A

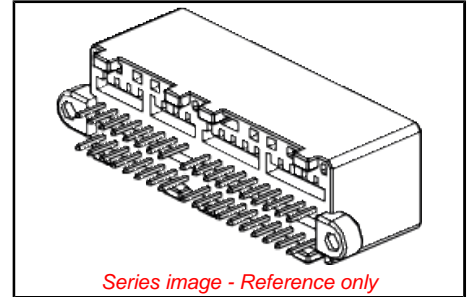
**Physical**

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.157 In
PC Tail Length (mm)	4.00 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Plating min: Mating (µin)	32
Plating min: Mating (µm)	0.8
Plating min: Termination (µin)	32
Plating min: Termination (µm)	0.8
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	5A
Voltage - Maximum	13V

**Material Info**



*Series image - Reference only*

**EU RoHS**

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

**China RoHS**



**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.

**Search Parts in this Series**  
 68145 Series

**Mates With**  
 35563 Crimp Housing

**Reference - Drawing Numbers**

Product Specification

PS-68145-002

Product Specification

PS-68145-005

Sales Drawing

SD-68145-005

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