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**Part Number:** [0681451615](#)  
**Status:** **Active**  
**Description:** 2.50mm Pitch Wire-to-Board Header, 1.02mm Tab Type, Vertical, 16 Circuits, Gray

**Documents:**

[3D Model](#) [Packaging Specification PK-68145-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-68145-002-001 \(PDF\)](#)

**General**

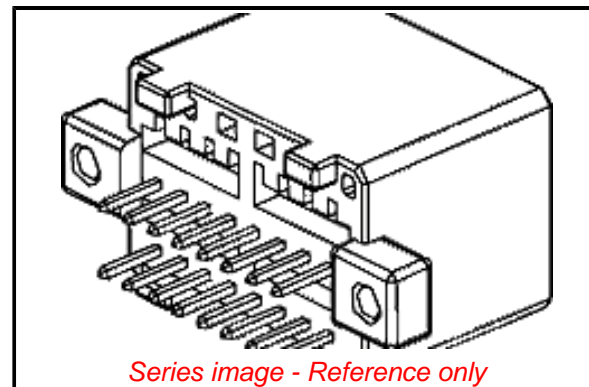
Product Family	PCB Headers
Series	<a href="#">68145</a>
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	5.0
PITCH-MATING-NUMERIC	2.50
Product Name	N/A
UPC	756054302118

**Physical**

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Gray
Durability (mating cycles max)	50
First Mate / Last Break	No
Glow-Wire Capable	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	4.296/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	0.813µm
Plating min - Termination	0.813µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-30° to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	5.0A
Voltage - Maximum	13V DC (RMS)



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[68145 Series](#)

**Mates With**

[35563 Crimp Housing](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-68145-001-001

Product Specification

PS-68145-002-001

Sales Drawing

SD-68145-001

This document was generated on 09/24/2019

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