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**Part Number:** [0681450825](#)  
**Status:** **Active**  
**Description:** 2.50mm Pitch Wire-to-Board Header, 1.02mm Tab Type, Right Angle, 8 Circuits, Gray

**Documents:**

[3D Model](#) [Product Specification PS-68145-002-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification PK-68145-308-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family PCB Headers  
Series [68145](#)  
Application Power, Wire-to-Board  
Product Name N/A  
UPC 756054606964

**Physical**

Breakaway No  
Circuits (Loaded) 8  
Circuits (maximum) 8  
Color - Resin Gray  
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 3.058/g  
Number of Rows 2  
Orientation Right Angle  
PC Tail Length 4.00mm  
PCB Locator No  
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 Closed Ends  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -30° to +85°C  
Termination Interface: Style Through Hole

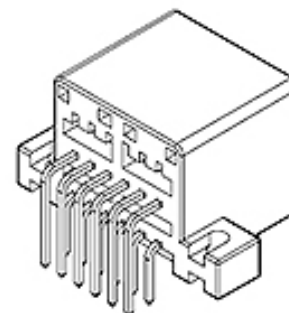
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-68145-308-001



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[68508 Crimp Housing](#)

This document was generated on 09/13/2021

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