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

General

| | |
|----------------|----------------------|
| Product Family | PCB Headers |
| Series | 68145 |
| Application | Power, Wire-to-Board |
| 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 |

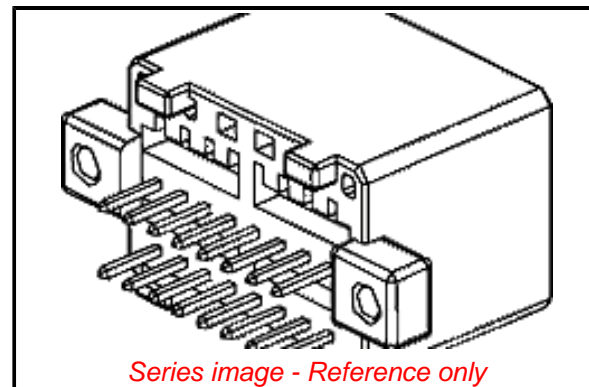
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|------------------|
| Packaging Specification | PK-68145-001-001 |
|-------------------------|------------------|



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

ELV

RoHS Phthalates

China RoHS

Not Relevant

Compliant

Not Contained

Search Parts in this Series

68145 Series

Mates With

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