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**Part Number:** [0681453615](#)  
**Status:** **Active**  
**Description:** 2.50mm Pitch Wire-to-Board Header, 1.02mm Tab Type, Vertical, 36 Circuits, Gray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-68145-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-68145-002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

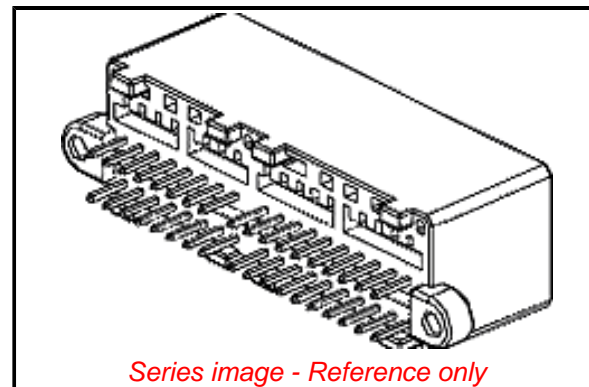
Product Family	PCB Headers
Series	<a href="#">68145</a>
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	5.0
PITCH-MATING-NUMERIC	2.50
Product Name	N/A
UPC	756054660478

**Physical**

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
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	8.291/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)



*Series image - Reference only*

**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, [35564](#) Crimp Housing

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-68145-002-001

Product Specification

PS-68145-002-001

Sales Drawing

SD-68145-003

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