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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:

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

General

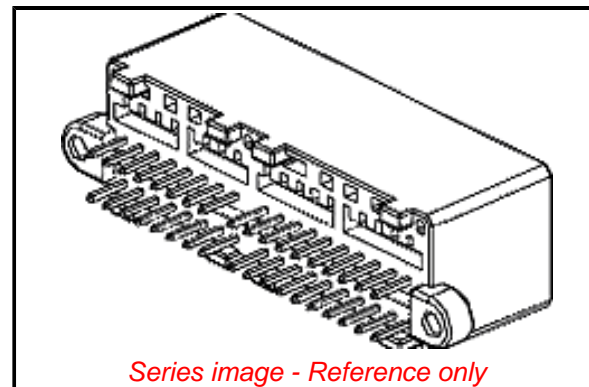
Product Family	PCB Headers
Series	68145
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	5.0
PITCH-MATING-NUMERIC	2.50
Product Name	N/A
UPC	756054660478

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

This document was generated on 11/21/2019

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