

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0681450815](#)
Status: **Active**
Description: 2.50mm Pitch Wire-to-Board Header, 1.02mm Tab Type, Vertical, 8 Circuits, Gray

Documents:

3D Model	Product Specification PS-68145-002-001 (PDF)
3D Model (PDF)	Packaging Specification PK-68145-208-001 (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	756054606988

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	4.159/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
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	No
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-30° to +85°C
Termination Interface: Style	Through Hole

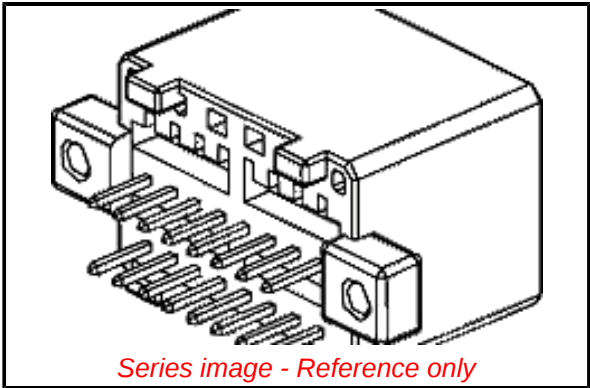
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-68145-208-001
Product Specification	PS-68145-002-001
Sales Drawing	SD-68145-208



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 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 04/06/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION