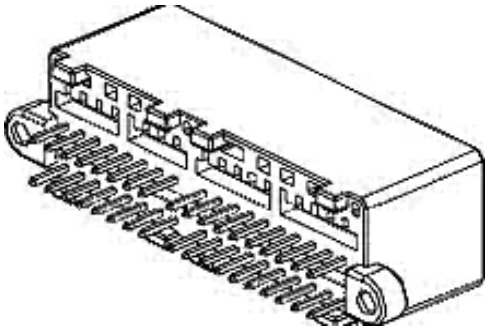
Part Number : 681453615
Product Description : 2.50mm Pitch Wire-to-Board Header, 1.02mm Tab Type, Vertical, 36 Circuits, Gray
Series Number : 68145
Status : Obsolete
Product Category : PCB Headers and Receptacles



Obsolete

Documents and Resources

Drawings

681453615_sd.pdf

Specifications

PK-68145-002-001.pdf

PS-68145-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	PCB Headers and Receptacles
Series	68145
Description	2.50mm Pitch Wire-to-Board Header, 1.02mm Tab Type, Vertical, 36 Circuits, Gray
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	N/A
UPC	756054660478

Electrical

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

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	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin

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Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	8.291/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
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
Temperature Range - Operating	-30° to +85°C
Termination Interface Style	Through Hole

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Mates With / Use With

Mates with Part(s)

Description	Part Number
1.02mm Tab Wire-to-Board Receptacle Housings	35563
1.02mm Tab Wire-to-Board Receptacle Housings	35564