



Part Number : 1041835621

Series Number : 104183

Product Category : PCB Headers and Receptacles

Product Description : 2.50mm Pitch Wire-to-Board Header, 1.02mm Tab Type, Right-Angle, 56 Circuits, Black

Status : New Business Not Supported

Documents & Resources

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(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	New Business Not Supported
Category	PCB Headers and Receptacles

Series	104183
Description	2.50mm Pitch Wire-to-Board Header, 1.02mm Tab Type, Right-Angle, 56 Circuits, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	N/A
UPC	887191588841

## Electrical

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

## Physical

Breakaway	No
Circuits (Loaded)	56
Circuits (maximum)	56
Color - Resin	Black
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	16.986/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.42mm
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm

Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Closed Ends
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

**Solder Process Data**

Max-Duration	1
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260