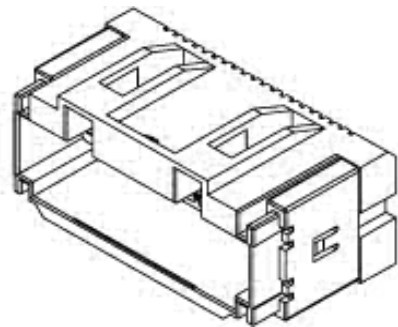




Part Number : [5020463070](#)
Product Description : 1.25mm Pitch Duo-Clasp
Wire-to-Board PCB Receptacle, Dual Row, Right-Angle,
0.10µm Gold (Au) Plating, 30 Circuits
Series Number : 502046
Status : Obsolete
Product Category : PCB Headers and Receptacles



Documents & Resources

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[AS-503110-001-001.pdf](#)

[AS-503110-002-001.pdf](#)

[SPK-502046-001-001.pdf](#)

[PS-501931-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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	502046
Description	1.25mm Pitch Duo-Clasp Wire-to-Board PCB Receptacle, Dual Row, Right-Angle, 0.10µm Gold (Au) Plating, 30 Circuits
Application	Signal, Wire-to-Board
Component Type	PCB Receptacle
Product Name	Duo-Clasp
UPC	822350606202

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No

Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	7.85mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyamide
Net Weight	1336.460/mg
Number of Rows	2
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.25mm
Plating min - Mating	0.100µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.25mm Pitch Duo-Clasp Wire-to-Board Dual Row Housings	<u>503110</u>

This document was generated on Sep 13, 2025