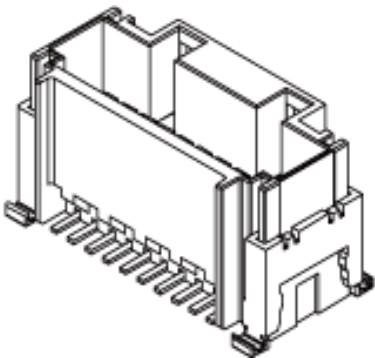# molex

Part Number : 5019312070

Product Description : 1.25mm Pitch Duo-Clasp Wire-to-Board PCB Receptacle, Dual Row, Vertical, 0.10µm Gold (Au) Plating, 20 Circuits

Series Number : 501931

Status : New Business Not Supported

Product Category : PCB Headers and Receptacles

Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	ⓔ
EU ELV	Not Relevant
Low-Halogen Status	Not 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	501931
Description	1.25mm Pitch Duo-Clasp Wire-to-Board PCB Receptacle, Dual Row, Vertical, 0.10μm Gold (Au) Plating, 20 Circuits
Application	Signal, Wire-to-Board
Component Type	PCB Receptacle
Product Name	Duo-Clasp
UPC	822350236089

Agency

UL	E29179

Electrical

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

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	10.95mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1058.100/mg
Number of Rows	2
Orientation	Vertical

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

This document was generated on Sep 19, 2024