



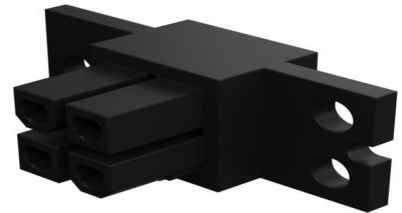
**Part Number :** [510100411](#)

**Product Description :** 5.00mm Pitch Wire-to-Wire Receptacle Housing, Floating-Fit Type, 4 Circuits

**Series Number :** 51010

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[510100411\\_sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[SPK-51010-001-001.pdf](#)

[PS-51010-001-001.pdf](#)

[PS-51010-002-001.pdf](#)

[PS-51010-003-001.pdf](#)

[PS-51010-004-001.pdf](#)

[PS-51010-005-001.pdf](#)


[PS-51010-006-001.pdf](#)

[PS-51010-007-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
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)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	Active
Category	Connector Housings
Series	51010
Description	5.00mm Pitch Wire-to-Wire Receptacle Housing, Floating-Fit Type, 4 Circuits
Application	Power, Wire-to-Wire
Product Name	N/A
UPC	800753693340

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	4
Color - Resin	Black

Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Material - Resin	Polyester
Net Weight	2.335/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	5.00mm
Stackable	No
Temperature Range - Operating	-40° to +105°C

### Solder Process Data

Lead-Free Process Capability	N/A
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### Mates With / Use With

#### Mates with Part(s)

Description	Part Number
Mini-Fit Plug Housings	<u>52025</u>

#### Use with Part(s)

Description	Part Number
Mini-Fit Female Crimp Terminals	<u>5556</u>

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