



**Part Number :** [5051511200](#)  
**Product Description :** DuraClik TPA Wire-to-Board  
Receptacle Housing, 12 Circuits, Black  
**Series Number :** 505151  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings


[5051511200\\_sd.pdf](#)  
3D Models and Design Files  
[5051511200\\_stp.zip](#)

### Specifications

[AS-505151-002-001.pdf](#)  
[AS-505151-001-001.pdf](#)  
[5051519200-200.pdf](#)  
[5051510002-000.pdf](#) (Gold Plating)  
[PS-505151-001-001.pdf](#) (Tin Plating)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 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

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	505151
Description	DuraClik TPA Wire-to-Board Receptacle Housing, 12 Circuits, Black
Application	Automotive, Signal, Wire-to-Board
Product Name	DuraClik
UPC	887191733807

### Agency

UL	E29179
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### Physical

Circuits (maximum)	12
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyamide
Net Weight	455.600/mg

Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-40° to +125°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
DuraClik Right-Angle Single Row Headers	<a href="#"><u>502352</u></a>
DuraClik Vertical Single Row Headers	<a href="#"><u>560020</u></a>

### Use with Part(s)

Description	Part Number
DuraClik 2-Way Terminal Position Assurance (TPA) Retainers	<a href="#"><u>505152</u></a>
DuraClik TPA Female Crimp Terminals	<a href="#"><u>505153</u></a>
DuraClik TPA Female Crimp Terminals	<a href="#"><u>505487</u></a>