



Part Number : [5051510601](#)

Series Number : 505151

Product Category : Connector Housings

Product Description : DuraClik TPA Wire-to-Board Receptacle Housing, 6 Circuits, White

Status : Active

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## Documents & Resources

### Drawings

[Drawing 5051510601\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 5051510601\\_stp.zip](#)

### Specifications


[Application Specification AS-505151-002-001.pdf](#)

[Packaging Specification 5051519200-200.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	
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)

## Part Details

### General

Status	Active
Category	Connector Housings
Series	505151
Description	DuraClik TPA Wire-to-Board Receptacle Housing, 6 Circuits, White
Application	Automotive, Signal, Wire-to-Board
Product Family	DuraClik Connector System
Product Name	DuraClik
UPC	889056634892

### Agency

UL	E29179
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### Physical

Circuits (maximum)	6
Color - Resin	White
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester Alloy
Net Weight	274.000/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	<u>502352</u>
DuraClik Vertical Single Row Headers	<u>560020</u>

### Use with Part(s)

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

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