



**Part Number :** [5051510700](#)  
**Product Description :** DuraClik TPA Wire-to-Board  
Receptacle Housing, 7 Circuits, Black  
**Series Number :** 505151  
**Status :** Active  
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

[5051510700\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### 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(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       | 505151                                                           |
| Description  | DuraClik TPA Wire-to-Board Receptacle Housing, 7 Circuits, Black |
| Application  | Automotive, Signal, Wire-to-Board                                |
| Product Name | DuraClik                                                         |
| UPC          | 887191733753                                                     |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 7          |
| Color - Resin         | Black      |
| Gender                | Receptacle |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | No         |
| Lock to Mating Part   | Yes        |
| Material - Resin      | Polyamide  |

|                               |                |
|-------------------------------|----------------|
| Net Weight                    | 302.700/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            |
| 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><a href="#">502352</a></u> |
| DuraClik Vertical Single Row Headers    | <u><a href="#">560020</a></u> |

### Use with Part(s)

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

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