

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5051511300](#)  
**Status:** **Active**  
**Overview:** [DuraClik Connector System](#)  
**Description:** [DuraClik TPA Wire-to-Board Receptacle Housing, 13 Circuits, Black](#)

**Documents:**

|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Application Specification AS-505151-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Application Specification AS-505151-002-001 (PDF)</a> |
| <a href="#">3D Model</a>                                      | <a href="#">Packaging Specification 5051519200-200 (PDF)</a>      |
| <a href="#">Product Specification 5051510002-000 (PDF)</a>    | <a href="#">Datasheet (PDF)</a>                                   |
| <a href="#">Product Specification PS-505151-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |



**Agency Certification**

UL E29179

**General**

|                |                                           |
|----------------|-------------------------------------------|
| Product Family | Crimp Housings                            |
| Series         | <a href="#">505151</a>                    |
| Application    | Automotive, Signal, Wire-to-Board         |
| Overview       | <a href="#">DuraClik Connector System</a> |
| Product Name   | DuraClik                                  |
| UPC            | 887191735115                              |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 13              |
| Color - Resin                 | Black           |
| Flammability                  | SC-0            |
| Gender                        | Receptacle      |
| Glow-Wire Capable             | No              |
| Keying to Mating Part         | None            |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Polyester Alloy |
| Net Weight                    | 486.100/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  |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | AS-505151-001-001, AS-505151-002-001 |
| Packaging Specification   | 5051519200-200                       |
| Product Specification     | 5051510002-000, PS-505151-001-001    |
| Sales Drawing             | SD-505151-001-001                    |

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[505151](#) Series

**Mates With**

DuraClik Right-Angle Header [502352](#) <br>  
DuraClik Vertical Header [560020](#)

**Use With**

DuraClik TPA Retainer [505152](#) <br>  
DuraClik TPA Terminal [505153](#) , [505487](#)

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