

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

**Part Number:** **5051538000**  
**Status:** **Active**  
**Overview:** DuraClik Connector System  
**Description:** DuraClik TPA Wire-to-Board Crimp Receptacle Terminal, Female, Tin Plating

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                                     | <a href="#">Application Specification AS-505151-002-001 (PDF)</a> |
| <a href="#">Product Specification PS-505151-001-001 (PDF)</a>     | <a href="#">Packaging Specification SPK-505153-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-505261-001-001 (PDF)</a>     | <a href="#">Datasheet (PDF)</a>                                   |
| <a href="#">Application Specification AS-505151-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**General**

|                         |                                   |
|-------------------------|-----------------------------------|
| Product Family          | Crimp Terminals                   |
| Series                  | 505153                            |
| Application             | Automotive, Signal, Wire-to-Board |
| Crimp Quality Equipment | Yes                               |
| Overview                | <u>DuraClik Connector System</u>  |
| Product Name            | DuraClik                          |
| Taxonomy                | Crimp Terminals                   |
| UPC                     | 887191735283                      |

**Physical**

|                              |                      |
|------------------------------|----------------------|
| Gender                       | Female               |
| Material - Metal             | Copper Alloy         |
| Material - Plating Mating    | Tin                  |
| Net Weight                   | 50.700/mg            |
| Packaging Type               | Reel                 |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter     | 1.50mm               |
| Wire Size AWG                | 22, 24               |
| Wire Size mm <sup>2</sup>    | 0.20-0.33            |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 125V |

**Material Info**

**Reference - Drawing Numbers**

|                               |                                      |
|-------------------------------|--------------------------------------|
| Application Specification     | AS-505151-001-001, AS-505151-002-001 |
| Application Tooling Documents | 5781423700ATS-000                    |
| Crimp Specification           | CS-505153-001-001                    |
| Packaging Specification       | SPK-505153-001-001                   |
| Product Specification         | PS-505151-001-001, PS-505261-001-001 |
| Sales Drawing                 | SD-505153-001-001                    |



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
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**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**

505153 Series

**Use With**

DuraClik TPA Wire-to-Board Receptacle  
Housing [505151](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description | Product # |
|-------------|-----------|
|-------------|-----------|

|   |                           |
|---|---------------------------|
| Hand Crimp Tool<br>for 2.00mm W/<br>B Receptacle<br>Terminals | <a href="#">638276400</a> |
|---|---------------------------|

|                       |                           |
|-----------------------|---------------------------|
| FineAdjust Applicator | <a href="#">639042600</a> |
|-----------------------|---------------------------|

for 2.00mm Wire-to-  
Board DuraClik TPA  
ReceptacleTerminals

**Japan**

| Description | Product # |
|-------------|-----------|
|-------------|-----------|

S-1 Applicator for 5781423700  
DuraClik Receptacle  
Terminals, 22-24  
AWG

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