

**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>



*Series image - Reference only*

**General**

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

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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	<u>638276400</u>
-----------------	------------------

for 2.00mm W/  
B Receptacle  
Terminals

Fine Adjust	<u>639042600</u>
-------------	------------------

Applicator for  
2.00mm Wire-to-  
Board DuraClik TPA  
ReceptacleTerminals

**Japan**

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

--	--

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

This document was generated on 07/15/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**