



**Part Number :** [5054878000](#)  
**Product Description :** DuraClik TPA Wire-to-Board  
Crimp Receptacle Terminal, Female, Gold Plating  
**Series Number :** 505487  
**Status :** Active  
**Product Category :** Crimp Terminals



## Documents & Resources

### Drawings

[5054878000\\_sd.pdf](#)

### Specifications


[SPK-505487-001-001.pdf](#)  
[5051510002-000.pdf \(Gold Plating\)](#)

### Tooling Specifications

[5781423700ATS-000.pdf](#)  
[5054870000-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	505487
Description	DuraClik TPA Wire-to-Board Crimp Receptacle Terminal, Female, Gold Plating
Application	Automotive, Signal, Wire-to-Board
Product Name	DuraClik
UPC	889056212601

### Electrical

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

### Physical

Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	49.210/mg
Packaging Type	Reel
Plating min - Mating	0.203µm
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

## Mates With / Use With

### Use with Part(s)

Description	Part Number
DuraClik TPA Single Row Receptacle Housings	<u>505151</u>

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## Application Tooling

### Global

Description	Part Number
Hand Crimp Tool for 2.00mm Wire-to-Board Receptacle Terminals	<u>638276400</u>
FineAdjust Applicator for 2.00mm Wire-to-Board DuraClik TPA ReceptacleTerminals	<u>639042600</u>

### Japan

Description	Part Number
S-1 Applicator for DuraClik Receptacle Terminals, 24-22 AWG	<u>5781423700</u>