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

Drawing_5054878000_sd.pdf

### Specifications

Packaging Specification_SPK-505487-001-001.pdf

### Tooling Specifications

Application Tooling Specification_5781423700ATS-000.pdf

Crimp Specification_5054870000-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

## 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 Family | DuraClik Connector System |
| 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 $mm^2$ | 0.20-0.33 |

### Use with Part(s)

| Description | Part Number |
|---|---|

| | |
|---|---|
| DuraClik TPA Single Row Receptacle Housings | 505151 |

## Application Tooling

### Global

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

## Application Tooling

### Japan

| Description | Part Number |
|---|---|
| S-1 Applicator for DuraClik Receptacle Terminals, 22-24 AWG | 5781423700 |