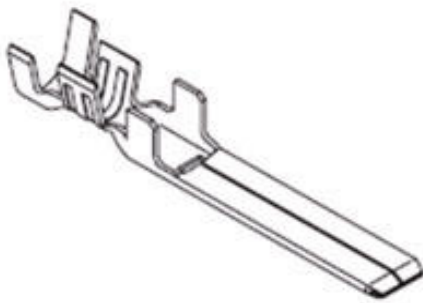


**Part Number :** [506389028](#)  
**Product Description :** 2.00mm Pitch Crimp  
Terminal, Male, Reel, Lead Free  
**Series Number :** 50638  
**Status :** Obsolete  
**Product Category :** Crimp Terminals



## Documents & Resources

### Drawings

[506389028\\_sd.pdf](#)  
[506389028\\_stp.zip](#)

### Specifications

[PS-58719-006-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                              |
| 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(2025)4165-DC (25 June 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

## Part Details

### General

|              |                                                    |
|--------------|----------------------------------------------------|
| Status       | Obsolete                                           |
| Category     | Crimp Terminals                                    |
| Series       | 50638                                              |
| Description  | 2.00mm Pitch Crimp Terminal, Male, Reel, Lead Free |
| Application  | Power, Wire-to-Wire                                |
| Product Name | N/A                                                |
| UPC          | 822348144358                                       |

### Physical

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Male                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 375.925/mg           |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.102µm              |
| Plating min - Termination      | 1.016µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 3.20-3.80mm          |
| Wire Size (AWG)                | 14, 16               |
| Wire Size mm <sup>2</sup>      | N/A                  |

## Mates With / Use With

### Mates with Part(s)

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

|                                        |              |
|----------------------------------------|--------------|
| 2.00mm Pitch Female Crimp<br>Terminals | <u>50637</u> |
|----------------------------------------|--------------|

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## Application Tooling

### Global

| Description                                              | Part Number      |
|----------------------------------------------------------|------------------|
| Extraction Tool for RCM Connector<br>System              | <u>638133501</u> |
| Hand Crimp Tool for 2.00mm Pitch<br>Male Crimp Terminals | <u>638235600</u> |
| T2 Terminator Die                                        | <u>638526100</u> |
| FineAdjust Applicator                                    | <u>638626100</u> |

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