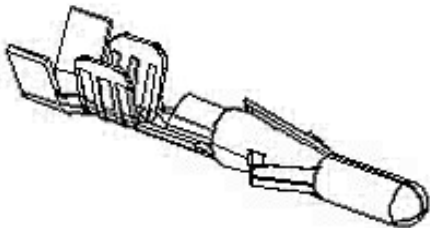




**Part Number :** [08700002](#)  
**Product Description :** 4.80mm Pitch Crimp  
Terminal, Male, Reel  
**Series Number :** 5006  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 5006T



## Documents & Resources

### Drawings

- [008700002 sd.pdf](#)
- [SPK-5006-001-002.pdf](#)
- [SPK-5006-001-003.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

### Specifications

- [PS-5025-001-001.pdf](#)
- [PS-5025-002-001.pdf](#)

### Tooling Specifications

- [CS-5005~5006-001.pdf](#)
- [CS-5005~5006-002.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                                                  |
| China RoHS         | <br>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<br>(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       | Active                                     |
| Category     | Crimp Terminals                            |
| Series       | 5006                                       |
| Description  | 4.80mm Pitch Crimp Terminal,<br>Male, Reel |
| Application  | Power                                      |
| Product Name | N/A                                        |
| UPC          | 800753619067                               |

### Physical

|                                |            |
|--------------------------------|------------|
| Gender                         | Male       |
| Material - Metal               | Brass      |
| Material - Plating Mating      | Tin        |
| Material - Plating Termination | Tin        |
| Net Weight                     | 137.700/mg |
| Packaging Type                 | Reel       |
| Plating min - Mating           | 0.889µm    |
| Plating min - Termination      | 0.889µm    |

|                             |                      |
|-----------------------------|----------------------|
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter    | 1.30-3.00mm          |
| Wire Size (AWG)             | 18, 20, 22, 24       |
| Wire Size mm <sup>2</sup>   | N/A                  |

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## Mates With / Use With

### Mates with Part(s)

| Description                        | Part Number |
|------------------------------------|-------------|
| 4.80mm Pitch Female Crimp Terminal | <u>5005</u> |

### Use with Part(s)

| Description                        | Part Number |
|------------------------------------|-------------|
| 4.80mm Pitch Wire-to-Wire Housings | <u>5025</u> |

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## Application Tooling

### Global

| Description                                                                   | Part Number      |
|-------------------------------------------------------------------------------|------------------|
| Hand Crimp Tool for Standard 1.57mm Pin and Socket Crimp Terminals, 24-18 AWG | <u>638191300</u> |
| Mini-Mac Applicator                                                           | <u>638936000</u> |

### Japan

| Description                                                                                                      | Part Number       |
|------------------------------------------------------------------------------------------------------------------|-------------------|
| S-1 Applicator for 4.80mm Pitch Male and Female Crimp Terminals, 24-18 AWG, Wire Insulation Diameter 2.30-3.00mm | <u>2023933700</u> |
| S-1 Applicator for 4.80mm Pitch Male and Female Crimp Terminals, 24-18 AWG, Wire Insulation                      | <u>2023933710</u> |

|                      |  |
|----------------------|--|
| Diameter 1.30-2.70mm |  |
|----------------------|--|