



**Part Number :** [02092105](#)

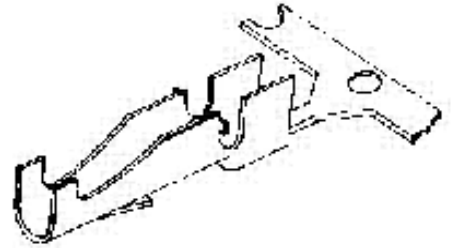
**Product Description :** Vertical Solder Relief (VSR)  
Direct-Solder Crimp Terminal, Series 4706, Male, Tin  
(Sn) Plated Brass Contact, 18-16 AWG, 11.20mm  
Terminal Progression

**Series Number :** 4706

**Status :** Not Recommended For New Design

**Product Category :** Crimp Terminals

**Engineering Part Number :** 4706-(P909)



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## Documents and Resources

### Drawings

[002092105\\_sd.pdf](#)

[PK-4706-001-001.pdf](#)

### Specifications

[PS-4706-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                                             |
| 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)7771-DC (04 Feb 2026)                                                          |
| 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       | Not Recommended For New Design                                                                                                                       |
| Category     | Crimp Terminals                                                                                                                                      |
| Series       | 4706                                                                                                                                                 |
| Description  | Vertical Solder Relief (VSR) Direct-Solder Crimp Terminal, Series 4706, Male, Tin (Sn) Plated Brass Contact, 18-16 AWG, 11.20mm Terminal Progression |
| Application  | Signal, Wire-to-Board                                                                                                                                |
| Comments     | Progression 11.20mm                                                                                                                                  |
| Product Name | Vertical Solder Relief (VSR)                                                                                                                         |
| UPC          | 800753615403                                                                                                                                         |

### Physical

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Male                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.085/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 2.540µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 3.05mm max.          |
| Wire Size (AWG)                | 16, 18               |

|                           |     |
|---------------------------|-----|
| Wire Size mm <sup>2</sup> | N/A |
|---------------------------|-----|

### Solder Process Data

|                              |      |
|------------------------------|------|
| Max-Duration                 | 5    |
| Lead-Free Process Capability | WAVE |
| Max-Cycle                    | 1    |
| Max-Temp                     | 260  |

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### Application Tooling

### Global

| Description                                             | Part Number       |
|---------------------------------------------------------|-------------------|
| Terminator Die                                          | <u>11402042</u>   |
| Hand Crimp Tool for Board-In Crimp Terminals, 18-16 AWG | <u>2002184100</u> |
| Mini-Mac Applicator for Board-in Crimp Terminals        | <u>638934200</u>  |

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