

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0002092105**  
**Status:** **Active**  
**Overview:** SolderRight Direct-Solder Terminals  
**Description:** Vertical Solder Relief (VSR) Direct-Solder Crimp Terminal, Series 4706, Male, Tin (Sn) Plated Brass Contact, 16-18 AWG, 11.20mm Terminal Progression

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-4706-001-001 \(PDF\)](#)

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                            |
| Series                  | <u>4706</u>                                |
| Application             | Signal, Wire-to-Board                      |
| Comments                | Progression 11.20mm                        |
| Crimp Quality Equipment | Yes  |
| Overview                | <u>SolderRight Direct-Solder Terminals</u> |
| 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**

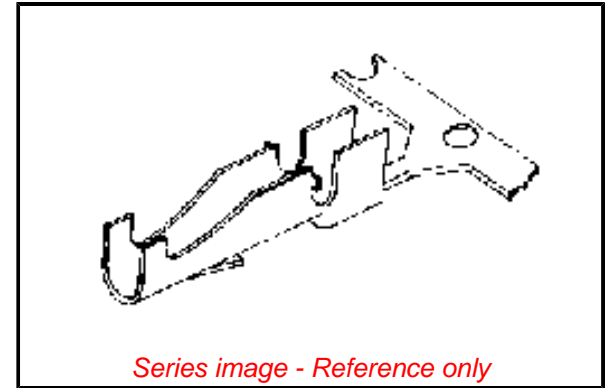
|  |      |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 260  |

**Material Info**

|                    |             |
|--------------------|-------------|
| Engineering Number | 4706-(P909) |
|--------------------|-------------|

**Reference - Drawing Numbers**

|                       |                          |
|-----------------------|--------------------------|
| Product Specification | PS-4706-001-001          |
| Sales Drawing         | SD-4706-001, SD-4706-002 |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

4706 Series

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

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

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