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Part Number: [0040080605](#)
Status: **Active**
Overview: SolderRight Direct-Solder Terminals
Description: Vertical Solder Relief (VSR) Direct-Solder Crimp Terminal, Series 42001, Male with Tin Terminal Progression

Documents:

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

General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 42001 |
| Application | Signal, Wire-to-Board |
| Comments | Progression 5.10 (.200) |
| Crimp Quality Equipment | Yes |
| Overview | SolderRight Direct-Solder Terminals |
| Product Name | Vertical Solder Relief (VSR) |
| UPC | 800753578463 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Male |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.102/g |
| Packaging Type | Reel |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 2.540µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.52mm max. |
| Wire Size AWG | 22, 24, 26 |
| Wire Size mm ² | N/A |

Solder Process Data

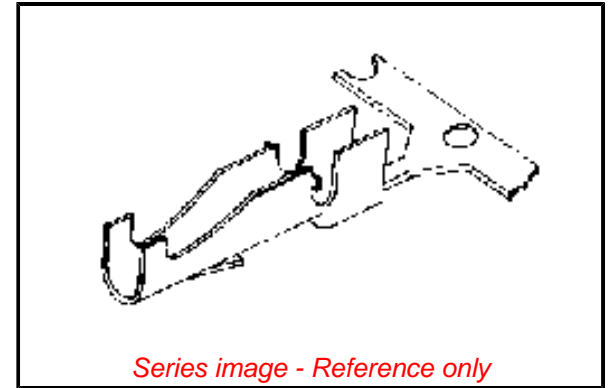
| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

Material Info

| | |
|--------------------|------------|
| Engineering Number | 42001-0001 |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|-----------------------|-----------------|
| Product Specification | PS-4706-001-001 |
| Sales Drawing | SD-42001-001 |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

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

[42001 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 | 11402171 |
| Hand Crimp Tool for Board-in Crimp Terminals | 638236100 |
| Mini-Mac Applicator | 638938000 |