



Part Number : [40080605](#)

Product Description : Vertical Solder Relief (VSR) Direct-Solder Crimp Terminal, Series 42001, Male with Tin Terminal Progression

Series Number : 42001

Status : Active

Product Category : Crimp Terminals

Engineering Number : 42001-0001

Documents & Resources

Drawings

[Drawing 040080605_sd.pdf](#)


[Packaging Design Drawing PK-4706-001-001.pdf](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

[EU RoHS Certificate of Compliance](#)

Part Details

General

Status	Active
Category	Crimp Terminals
Series	42001
Description	Vertical Solder Relief (VSR) Direct-Solder Crimp Terminal, Series 42001, Male with Tin Terminal Progression
Application	Signal, Wire-to-Board
Comments	Progression 5.10 (.200)
Product Family	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

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

Application Tooling

Global

Description	Part Number
Terminator Die	<u>11402171</u>
Hand Crimp Tool for Board-in Crimp Terminals	<u>638236100</u>
Mini-Mac Applicator	<u>638938000</u>

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