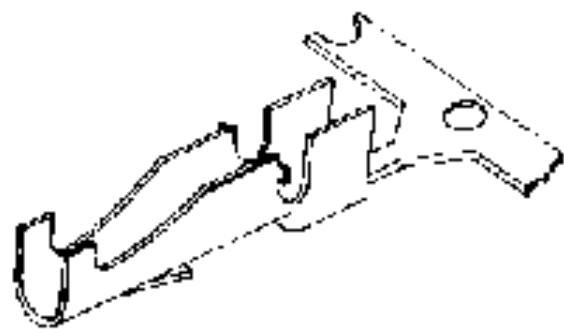# molex

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 Number : 4706-(P909)

Documents & Resources

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)7663-DC (21 Jan 2025)
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	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 mm²	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	11402042
Hand Crimp Tool for Board-In Crimp Terminals, 18-16 AWG	2002184100
Mini-Mac Applicator for Board-in Crimp Terminals	638934200

This document was generated on Apr 03, 2025