molex



Part Number : 16020114
Product Description : SL Crimp Terminal, Series 70021, Male, with Tin (Sn) Plated Contact, 24-22 AWG, Bag
Series Number : 70021
Status : Active
Product Category : Crimp Terminals
Engineering Number : 70021-0221
Packaging Alternative : 16020107 (Reel)

Documents & Resources

Drawings

016020114_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-70021-001.pdf

PS-70400-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 47; 34; 33
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)4165-DC (25 June 2025)
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	Active
Category	Crimp Terminals
Series	70021
Description	SL Crimp Terminal, Series 70021, Male, with Tin (Sn) Plated Contact, 24-22 AWG, Bag
Application	Signal, Wire-to-Wire
Product Name	SL
UPC	800753595699

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.095/g
Packaging Type	Bag
Plating min - Mating	3.810µm
Plating min - Termination	1.905µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	1.63mm max.
Wire Size (AWG)	22, 24
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
SL Single Row Crimp Housings and CPA Retainers	70066
SL Single Row Crimp Housings	70107

Application Tooling

Global

Description	Part Number
Insertion Tool for 70021,70028, 70110, 71851 Terminals / Extraction Tool for 91821 Terminals	11020022
PremiumGrade Hand Crimp Tool for SL Crimp Terminals, 24-22 AWG and 36-32 AWG	638118700
