Part Number : 16020119
Product Description : SL Crimp Terminal, Series 71851, Female, with 0.38µm Selective Gold (Au) Plated Contact, 30-24 AWG, Reel
Series Number : 71851
Status : Active
Product Category : Crimp Terminals
Engineering Number : 71851-0006
Packaging Alternative : 16021109 (Bag)



Documents & Resources

Drawings

016020119_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-70400-001.pdf

PS-71851-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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	71851
Description	SL Crimp Terminal, Series 71851, Female, with 0.38µm Selective Gold (Au) Plated Contact, 30-24 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	SL
UPC	800753595729

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.060/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.52mm max.
Wire Size (AWG)	24, 26, 28, 30

Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Application Tooling

Global

Description	Part Number
Insertion Tool for 70021,70028, 70110, 71851 Terminals / Extraction Tool for 91821 Terminals	11020022
Extraction Tool for SL Terminals, 36-22 AWG	11030036
Hand Crimp Tool for SL Crimp Terminals, 30-24 AWG	2002187000
FineAdjust Applicator for SL Female Crimp Terminal, Insulation OD 0.63-1.00mm, 30-24 AWG Wire	639001500
FineAdjust Applicator for SL Female Crimp Terminal, Insulation OD 1.01-1.52mm, 30-24 AWG Wire	639003100
T2 Terminator Tooling Die	639103100