molex

Part Number : <u>16020119</u>

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
Drawing 016020119_sd.pdf

Specifications
Product Specification PS-70400-001.pdf
Product Specification PS-71851-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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	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 Family	SL Modular Connectors
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

This document was generated on Sep 18, 2024