molex

Part Number : 16021109

Product Description : SL Crimp Terminal, Series 71851, Female, with 0.38μm Selective Gold (Au) Plated Contact, 30-24 AWG, Bag

Series Number : 71851

Status : Active

Product Category : Crimp Terminals

Engineering Number : 71851-0206

Packaging Alternative : 16020119 (Reel)

Documents & Resources

Drawings
016021109_sd.pdf
PK-70873-0822-001.pdf

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	♻
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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, Bag
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	SL
UPC	800753595750

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.060/g
Packaging Type	Bag
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
Hand Crimp Tool for SL Crimp Terminals, 30-24 AWG	2002187000

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