molex

Part Number : 16020082

Product Description : SL Crimp Terminal, Series 70058, Female, 30-24 AWG, with 0.38μm Selective Gold (Au) Plated Contact, Reel

Series Number : 70058

Status : Active

Product Category : Crimp Terminals

Engineering Number : 70058-0006

Packaging Alternative : 16020097 (Bag)

Documents & Resources

Drawings
Drawing_016020082_sd.pdf

Specifications
Product Specification_PS-70058-001.pdf
Product Specification_PS-70400-001.pdf
Test Summary_TS-70058-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	⊖
EU ELV	Compliant per 2000/53/EC
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)

<u>EU RoHS Certificate of Compliance</u>

Part Details

General

Status	Active
Category	Crimp Terminals
Series	70058
Description	SL Crimp Terminal, Series 70058, Female, 30-24 AWG, with 0.38μm Selective Gold (Au) Plated Contact, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	SL Modular Connectors
Product Name	CyClone,SL
UPC	800753595996

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	114.800/mg
Packaging Type	Reel
Plating min - Mating	0.380μm
Plating min - Termination	2.000μm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.52mm max.
Wire Size (AWG)	24, 26, 28, 30
Wire Size mm²	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
SL Single Row Crimp Housings and CPA Retainers	70066
SL Dual Row Crimp Housings	70450

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

Application Tooling

Japan

Description	Part Number
Hand Insertion Tool	570336000

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