molex

Part Number : 16020083

Product Description : SL Crimp Terminal, Series 70058, Female, 30-24 AWG, with 0.76µm Selective Gold (Au) Plated Contact, Reel

Series Number : 70058

Status : Active

Product Category : Crimp Terminals

Engineering Part Number : 70058-0008

Packaging Alternative : 16020098 (Bag)

Documents and Resources

Drawings

016020083_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-70058-001.pdf

PS-70400-001.pdf

TS-70058-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	♻ per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

<u>Compliance Statements</u>

- EU RoHS
- REACH SVHC
- Low-Halogen

<u>Industry Documents</u>

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

<u>Substances of Interest</u>

- PFAS

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

<u>Additional Product Compliance Information</u>

Part Details

General

Status	Active
Category	Crimp Terminals
Series	70058
Description	SL Crimp Terminal, Series 70058, Female, 30-24 AWG, with 0.76µm Selective Gold (Au) Plated Contact, Reel
Application	Signal, Wire-to-Board
Product Name	CyClone,EXTreme Ten60Power,SL
UPC	800753749139

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.073/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm

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

Mates With / Use With

Use with Part(s)

Description	Part Number
SL Single Row Crimp Housings and CPA Retainers	70066
SL Dual Row Crimp Housings	70450
EXTreme Ten60Power Wire-to-Board Receptacle Housings	172510
EXTreme Ten60Power Panel-to-Board Receptacle Housings	172512

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	639003100

Female Crimp Terminal, Insulation OD 1.01-1.52mm, 30-24 AWG Wire	
T2 Terminator Tooling Die	639103100

Japan

Description	Part Number
Hand Insertion Tool	570336000

This document was generated on Jan 27, 2026