molex

Part Number : 16020086
Product Description : SL Crimp Terminal, Series 70058, Female, 24-22 AWG, with Tin (Sn) Plated Contact, Reel
Series Number : 70058
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 70058-0022
Packaging Alternative : 16020102 (Bag)

Documents and Resources

Drawings

016020086_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-70058-001.pdf

PS-70400-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 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

Compliance Statements
- 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, 24-22 AWG, with Tin (Sn) Plated Contact, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	CyClone,SL
UPC	800753596016

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.073/g
Packaging Type	Reel
Plating min - Mating	3.750µm
Plating min - Termination	3.750µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.63mm max.
Wire Size (AWG)	22, 24

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

Application Tooling

Global

Description	Part Number
Insertion Tool for 70021,70028, 70110, 71851 Terminals / Extraction Tool for 91821 Terminals	11020022
PremiumGrade Hand Crimp Tool for SL Crimp Terminals, 24-22 AWG and 36-32 AWG	638118700
FineAdjust Applicator for SL Crimp Terminals, for 24-22 AWG Wire with Insulation Diameter 1.40-1.63mm	639023200
T2 Terminator for Female Crimp Terminal	639123200

Japan

Description	Part Number
Hand Insertion Tool	570336000