molex



Part Number : 39000376
Product Description : KK 254 Crimp Terminal, 28-22 AWG, 0.35µm Gold (Au), Nickel (Ni) Under-Plate, Brass, Chain
Series Number : 2759
Status : Active
Product Category : Crimp Terminals
Engineering Number : 2759G

Documents & Resources

Drawings

039000376_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-2759-003-001.pdf

PS-2759-004-001.pdf

PS-5045-003-001.pdf

PS-5045-004-001.pdf

50510002-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	2759
Description	KK 254 Crimp Terminal, 28-22 AWG, 0.35µm Gold (Au), Nickel (Ni) Under-Plate, Brass, Chain
Application	Signal
Product Name	KK 254
UPC	800753336483

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	0.064/g
Packaging Type	Reel
Plating min - Mating	0.356µm
Plating min - Termination	0.356µm, 2.032µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	1.2-1.7mm max.
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm^2	N/A

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Use with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	2695
KK 2.50mm Pitch Single Row Receptacle Housings	5051

Application Tooling

Global

Description	Part Number
Extraction Tool for KK 2.54mm Terminals, 30-22 AWG	11030022
Insertion Tool for KK 2.54mm Terminals, 30-22 AWG	638120000
Mini-Mac Applicator for KK and Cat Ear Terminals for 30-22 AWG Wire with Insulation Diameter 1.09-1.57mm and 28-22 AWG Wire with Insulation Diameter 1.20-1.70mm	638882000
Mini-Mac Applicator for KK and Cat Ear Terminals for 30-22 AWG Wire with Insulation Diameter 0.96-1.20mm	638882100