molex

Part Number : 08550101

Product Description : KK 254 Crimp Terminal, 30-22 AWG, Reel, Selective Gold (Au), Nickel (Ni) Under Plating

Series Number : 2759

Status : Active

Product Category : Crimp Terminals

Engineering Number : 2759-(555)B

Packaging Alternative : 08550102 (Bag)

Documents & Resources

Drawings
Drawing 008550101_sd.pdf
Packaging Design Drawing PK-2759-002-001.pdf

Specifications
Product Specification PS-10-07-001.pdf
Product Specification 50510002-PS-000.pdf
Test Summary TS-10-07-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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

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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	2759
Description	KK 254 Crimp Terminal, 30-22 AWG, Reel, Selective Gold (Au), Nickel (Ni) Under Plating
Application	Signal, Wire-to-Board
Product Family	KK Interconnect Systems
Product Name	KK 254
UPC	800753749900

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	0.064/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	0.762µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.57mm max.
Wire Size (AWG)	22, 24, 26, 28, 30
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

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
Terminator Die	11402265
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

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