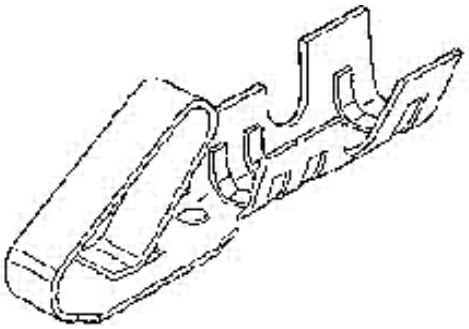
molex



Part Number : 08650815
Product Description : KK 254 Crimp Terminal 6459, 30-22 AWG, Reel, Phosphor Bronze Selective Gold (Au)
Series Number : 6459
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 6459-(555)
Packaging Alternative : 08650816 (Bag)

Documents and Resources

Drawings

008650815_sd.pdf

PK-2759-002-001.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-10-07-001.pdf

TS-10-07-001.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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- 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	6459
Description	KK 254 Crimp Terminal 6459, 30-22 AWG, Reel, Phosphor Bronze Selective Gold (Au)
Application	Wire-to-Board
Product Name	KK 254
UPC	800754227421

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Net Weight	0.069/g
Packaging Type	Reel
Plating min - Mating	0.381µm
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

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Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	2695

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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