molex



Part Number : 08580189
Product Description : KK Trifurcon Crimp Terminal 6438, 20-18 AWG, Bag, Phosphor Bronze Gold(Au)
Series Number : 6838
Status : Active
Product Category : Crimp Terminals
Engineering Number : 6838-A(P558)L
Packaging Alternative : 08580187 (Reel)

Documents & Resources

Drawings

008580189_sd.pdf

PK-2759-001-001.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-40-02-001.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)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	6838
Description	KK Trifurcon Crimp Terminal 6438, 20-18 AWG, Bag, Phosphor Bronze Gold(Au)
Application	Power, Wire-to-Board
Product Name	KK 396,Trifurcon
UPC	800753619050

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	0.198/g
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	0.051µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.79mm max.
Wire Size (AWG)	18, 20
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
KK 3.96mm Crimp Housings	41695
KK 3.96mm Pitch Single Row Crimp Housings	6442

Application Tooling

Global

Description	Part Number
Extraction Tool for Flat Blade, 3.96mm KK, 2.00mm, 3.96mm EdgeMate, and Ultra-Fit Terminals	11030016
Hand Crimp Tool for 3.96mm Pitch KK Crimp Terminals, 24-18 AWG	638279500
