



Part Number : [08580111](#)

Product Description : KK Trifurcon Crimp Terminal
6438, 20-18 AWG, Bag, Phosphor Bronze Selective
Gold (Au)

Series Number : 6838

Status : Active

Product Category : Crimp Terminals

Engineering Number : 6838-A(P561)L

Packaging Alternative : [08580110](#) (Reel)



Documents & Resources

Drawings

[008580111 sd.pdf](#)

[PK-2759-001-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)


[Creo](#)

Specifications

[PS-40-02-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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 Selective Gold (Au)
Application	Power, Wire-to-Board
Product Name	KK 396,Trifurcon
UPC	800754226936

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	0.197/g
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.79mm max.
Wire Size (AWG)	18, 20

Wire Size mm ²	N/A
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Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Use with Part(s)

Description	Part Number
KK 3.96mm Crimp Housings	<u>41695</u>
KK 3.96mm Pitch Single Row Crimp Housings	<u>6442</u>

Application Tooling

Global

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

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- [Molex, LLC Information](#)

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