



Part Number : [08500189](#)
Product Description : KK Trifurcon Crimp Terminal
6838, 20-18 AWG, Bag, Brass Tin (Sn)
Series Number : 6838
Status : Active
Product Category : Crimp Terminals
Engineering Number : 6838-(P909)L
Packaging Alternative : [08500187](#) (Reel)



Documents & Resources

Drawings

- [008500189_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
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 6838, 20-18 AWG, Bag, Brass Tin (Sn)
Application	Power, Wire-to-Board
Product Name	KK 396,Trifurcon
UPC	800753614482

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.194/g
Packaging Type	Bag
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
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
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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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