



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](#)

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### 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 <sup>2</sup>	N/A

#### Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

---

#### 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>

---

This document was generated on Jan 09, 2025