



Part Number : [08520112](#)
Product Description : KK Trifurcon Crimp
Terminal 6838, 20-18 AWG, Reel, Phosphor
Bronze Tin(Sn)
Series Number : 6838
Status : Active
Product Category : Crimp Terminals
Engineering Number : 6838-A(P909)
Packaging Alternative : 08520113 (Bag)




Documents & Resources

Drawings
[008520112_sd.pdf](#)

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

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Compliant per 2000/53/EC |
| 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, Reel, Phosphor Bronze Tin(Sn) |
| Application | Power, Wire-to-Board |
| Product Name | KK 396,Trifurcon |
| UPC | 800753614376 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.200/g |
| Packaging Type | Reel |
| 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 |
|------------------------------|-----|

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> |
| Terminator Die | <u>11402096</u> |
| Hand Crimp Tool for 3.96mm Pitch KK Crimp Terminals, 24-18 AWG | <u>638279500</u> |
| Mini-Mac Applicator for KK and Trifurcon, 3.96mm Terminals, 24-18 AWG, check ATS for Wire Insulation Diameter Compatibility | <u>638885000</u> |