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**Part Number:** [0008500187](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK Trifurcon Crimp Terminal 6838, 18-20 AWG, Reel, Brass Tin \(Sn\)](#)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-6838-001-002 \(PDF\)](#)  
[Product Specification PS-40-02-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family [Crimp Terminals](#)  
 Series [6838](#)  
 Application [Power](#)  
 Crimp Quality Equipment [Yes](#)  
 Overview [KK® Interconnect System - Molex](#)  
 Packaging Alternative [08-50-0189 \(Loose\)](#)  
 Product Name [KK 396, Trifurcon](#)  
 UPC [800753614475](#)

**Physical**

Gender [Female](#)  
 Material - Metal [Brass](#)  
 Material - Plating Mating [Tin](#)  
 Material - Plating Termination [Tin](#)  
 Net Weight [0.194/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 mm² [N/A](#)

**Solder Process Data**

Lead-freeProcess Capability [N/A](#)

**Material Info**

Engineering Number [6838-\(P909\)](#)

**Reference - Drawing Numbers**

Packaging Specification [PK-6838-001-002](#)  
 Product Specification [PS-40-02-001](#)  
 Sales Drawing [SD-6838](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2018 (15  
 January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[6838 Series](#)

**Use With**

KK Crimp Terminal Housing [6442](#) , [41695](#)

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