

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0008500189**  
**Status:** **Active**  
**Overview:** KK® Interconnect System - Molex  
**Description:** KK® Trifurcon™ Crimp Terminal 6838, 18-20 AWG, Bag, Brass Tin (Sn)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-2759-001 \(PDF\)](#)  
[Product Specification PS-40-02 \(PDF\)](#) [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 08-50-0187 (Reel)  
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 mm² N/A

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

Old Part Number 6838-(P909)L

**Reference - Drawing Numbers**

Packaging Specification PK-2759-001  
Product Specification PS-40-02  
Sales Drawing SD-6838



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**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  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

6838 Series

**Use With**

KK® Crimp Terminal Housing 6442 , 41695

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Extraction Tool	<u>0011030016</u>
Hand Crimper	<u>0638117500</u>