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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 \(PDF\)](#)
[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](#)
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/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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](#)

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	0011030016
Hand Crimper	0638117500
Mini-Mac Applicator for KK® and Trifurcon™ Crimp Terminals	0638885000

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