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Part Number: [0008580111](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® Trifurcon™ Crimp Terminal 6438, 18-20 AWG, Bag, Phosphor Bronze Selective Gold \(Au\)](#)

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 [08-58-0110 \(Reel\)](#)
 Product Name [KK® 396, Trifurcon™](#)
 UPC 800754226936

Physical

Gender Female
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Nickel
 Net Weight 0.197/g
 Packaging Type Bag
 Plating min - Mating 0.762µm
 Plating min - Termination 1.270µm
 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-A(P561)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

China RoHS

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
 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	0011030016
Hand Crimper	0638117500