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Part Number: [0008580110](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® Trifurcon™ Crimp Terminal 6438, 18-20 AWG, Reel, Phosphor Bronze Selective Gold \(Au\)](#)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-6838-001 \(PDF\)](#)
[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	08-58-0111 (Loose)
Product Name	KK® 396, Trifurcon™
UPC	800753614246

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	0.197/g
Packaging Type	Reel
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-free Process Capability	N/A
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Material Info

Engineering Number	6838-A(P561)
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Reference - Drawing Numbers

Packaging Specification	PK-6838-001
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
Terminator Die	0011402096
Hand Crimper	0638117500
Mini-Mac Applicator	0638885000
for KK® and Trifurcon™ Crimp Terminals	

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