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Part Number: [0008580187](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK Trifurcon Crimp Terminal 6438, 18-20 AWG, Reel, Phosphor Bronze Gold \(Au\)](#)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-2759-002-001 \(PDF\)](#)
[Product Specification PS-40-02-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family [Crimp Terminals](#)
Series [6838](#)
Application [Power, Wire-to-Board](#)
Crimp Quality Equipment [Yes](#)
Overview [KK® Interconnect System - Molex](#)
Packaging Alternative [08580189 \(Loose\)](#)
Product Name [KK 396, Trifurcon](#)
UPC [800753614253](#)

Physical

Gender [Female](#)
Material - Metal [Phosphor Bronze](#)
Material - Plating Mating [Gold](#)
Material - Plating Termination [Nickel](#)
Net Weight [0.198/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-freeProcess Capability [N/A](#)

Material Info

Engineering Number [6838-A\(P558\)](#)

Reference - Drawing Numbers

Packaging Specification [PK-2759-002-001](#)
Product Specification [PS-40-02-001](#)
Sales Drawing [SD-6838-001, SD-6838-001-001](#)



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 | 11030016 |
| Terminator Die | 11402096 |
| Hand Crimp Tool for 3.96mm Pitch KK Crimp Terminals, 18-24 AWG | 638279500 |
| Mini-Mac Applicator for KK and Trifurcon Crimp Terminals | 638885000 |

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