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Part Number: [0008520112](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK Trifurcon Crimp Terminal 6838, 18-20 AWG, Reel, Phosphor Bronze Tin\(Sn\)](#)

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 [08520113 \(Loose\)](#)
 Product Name [KK 396, Trifurcon](#)
 UPC [800753614376](#)

Physical

Gender [Female](#)
 Material - Metal [Phosphor Bronze](#)
 Material - Plating Mating [Tin](#)
 Material - Plating Termination [Tin](#)
 Net Weight [0.200/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-A\(P909\)](#)

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

Compliant

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

Compliant

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

This document was generated on 02/14/2020

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