

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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-40-02-001 \(PDF\)](#) [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 [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-40-02-001  
 Sales Drawing SD-6838, SD-6838-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**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](#)