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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-6838-001-002 \(PDF\)](#)  
[Product Specification PS-40-02-001 \(PDF\)](#) [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 [08-58-0189 \(Loose\)](#)  
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-6838-001-002](#)  
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/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[6838 Series](#)

**Use With**

[KK® Crimp Terminal Housing 6442 , 41695](#)

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