



Part Number : 08580110

Series Number : 6838

Product Category : Crimp Terminals

Packaging Alternative : 08580111 (Bag)

Product Description : KK Trifurcon Crimp Terminal 6438, 18-20 AWG, Reel, Phosphor Bronze Selective Gold (Au)

Status : Active

Engineering Number : 6838-A(P561)

Documents & Resources

Drawings

Drawing 008580110_sd.pdf

Packaging Design Drawing PK-2759-002-001.pdf

Specifications

Product Specification PS-40-02-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	6838
Description	KK Trifurcon Crimp Terminal 6438, 18-20 AWG, Reel, Phosphor Bronze Selective Gold (Au)
Application	Power
Product Family	KK Interconnect Systems
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 mm ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
KK 3.96mm Crimp Housings	<u>41695</u>

KK 3.96mm Pitch Single Row Crimp Housings	<u>6442</u>
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Application Tooling

Global

Description	Part Number
Extraction Tool for Flat Blade, 3.96mm KK, 2.00mm, 3.96mm EdgeMate, and Ultra-Fit Terminals	<u>11030016</u>
Terminator Die	<u>11402096</u>
Hand Crimp Tool for 3.96mm Pitch KK Crimp Terminals, 18-24 AWG	<u>638279500</u>
Mini-Mac Applicator for KK and Trifurcon, 3.96mm Terminals, 18-24 AWG, check ATS for Wire Insulation Diameter Compatibility	<u>638885000</u>