# molex

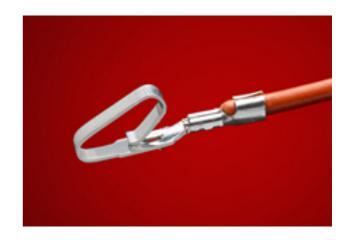
Part Number: 08580122

Product Description: KK 396 Crimp Terminal 2478, 24-18 AWG, Bag, Phosphor Bronze, 0.51µm Selective Gold (Au)

Series Number: 2478

Status: Active

**Product Category:** Crimp Terminals Engineering Number: 2478-3-(550)L Packaging Alternative: 08580121 (Reel)



#### **Documents & Resources**

**Drawings** 

008580122\_sd.pdf PK-2759-001-001.pdf

**Specifications** 

PS-08-50-001.pdf

### **Product Environment Compliance**

#### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	<b>©</b>
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	2478
Description	KK 396 Crimp Terminal 2478, 24-18 AWG, Bag, Phosphor Bronze, 0.51µm Selective Gold (Au)
Application	Power, Wire-to-Board
Product Name	KK 396,KK 508
UPC	800754226998

## Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	0.150/g
Packaging Type	Bag
Plating min - Mating	0.381µm
Plating min - Termination	0.051μm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.79mm max.
Wire Size (AWG)	18, 20, 22, 24
Wire Size mm²	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 Single Row Crimp Housings	<u>2139</u>
KK 3.96mm Single Row Crimp Housings	<u>3069</u>
KK 3.96mm Crimp Housings	<u>41695</u>

## **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>
Hand Crimp Tool for 3.96mm Pitch KK Crimp Terminals, 24-18 AWG	638279500

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