

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

**Part Number:** [0008520101](#)  
**Status:** **Active**  
**Overview:** [KK Interconnect Solutions](#)  
**Description:** KK 254 Crimp Terminal 6459, 22-30 AWG, Reel, Phosphor Bronze Tin (Sn)

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-10-07-001 \(PDF\)](#)  
[Product Specification PS-10-07-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-2759-002-001 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [6459](#)  
 Application Signal, Wire-to-Board  
 Crimp Quality Equipment Yes  
 Overview [KK Interconnect Solutions](#)  
 Packaging Alternative [08520123 \(Loose\)](#)  
 Product Name KK 254  
 UPC 800753617155

**Physical**

Gender Female  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 0.070/g  
 Packaging Type Reel  
 Plating min - Mating 2.540µm  
 Plating min - Termination 2.540µm  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 1.57mm max.  
 Wire Size AWG 22, 24, 26, 28, 30  
 Wire Size mm<sup>2</sup> N/A

**Solder Process Data**

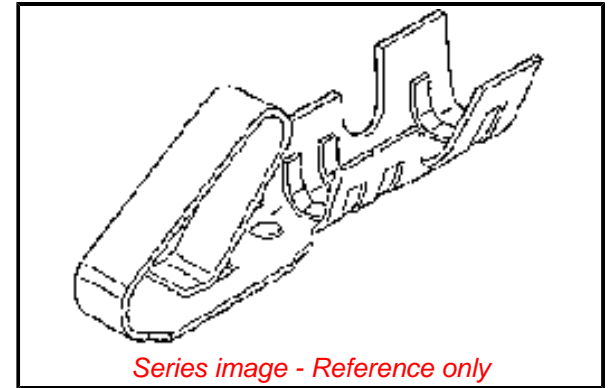
Lead-freeProcess Capability N/A

**Material Info**

Engineering Number 6459-(P909)

**Reference - Drawing Numbers**

Packaging Specification [PK-2759-002-001](#)  
 Product Specification [PS-10-07-001](#)  
 Sales Drawing [SD-6459-001](#)  
 Test Summary [TS-10-07-001](#)



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**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**

[6459 Series](#)

**Use With**

2.54mm Pitch KK Crimp Terminal Housing  
[2695](#)

**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 for KK 2.54mm Terminals, 22-30 AWG	<a href="#">11030022</a>
Terminator Die Insertion Tool for KK 2.54mm Terminals, 22-30 AWG	<a href="#">11402265</a>
Mini-Mac Applicator for KK and Cat Ear	<a href="#">638120000</a>
	<a href="#">638882000</a>

Terminals for 22-30  
AWG Wire with  
Insulation Diameter  
1.09-1.57mm  
and 22-28  
AWG Wire with  
Insulation Diameter  
1.20-1.70mm  
Mini-Mac Applicator [638882100](#)  
for KK and Cat Ear  
Terminals for 22-30  
AWG Wire with  
Insulation Diameter  
0.96-1.20mm

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