

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0008700064](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK Cat Ear Crimp Terminal 5159, 22-28 AWG, Reel, Brass, Tin (Sn) over Copper Plating

Documents:

| | |
|---|---|
| 3D Model | Product Specification PS-5051-006-001 (PDF) |
| 3D Model (PDF) | Product Specification PS-5102-004-001 (PDF) |
| Drawing (PDF) | Product Specification PS-5159-001-001 (PDF) |
| Product Specification 50510002-PS-000 (PDF) | Product Specification PS-5159-002-001 (PDF) |
| Product Specification PS-5045-001-001 (PDF) | Packaging Specification 51599200SPK-200 (PDF) |
| Product Specification PS-5045-002-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 5159 |
| Application | Signal, Wire-to-Board |
| Crimp Quality Equipment | Yes |
| Overview | KK Interconnect Solutions |
| Packaging Alternative | 08700069 (Loose) |
| Product Name | Cat Ear, KK |
| UPC | 800753534827 |

Physical

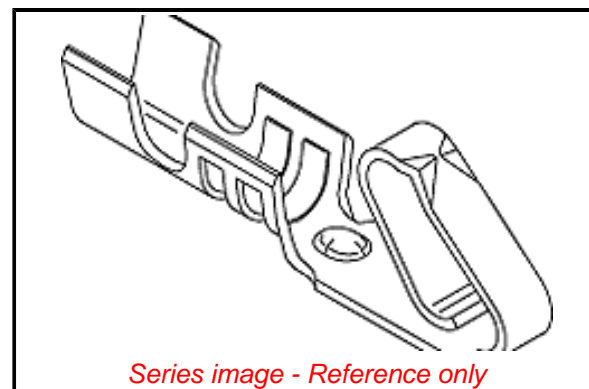
| | |
|--------------------------------|----------------------|
| Gender | Female |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 40.000/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.889µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.20-1.70mm |
| Wire Size AWG | 22, 24, 26, 28 |
| Wire Size mm ² | N/A |

Material Info

| | |
|--------------------|-------|
| Engineering Number | 5159T |
|--------------------|-------|

Reference - Drawing Numbers

| | |
|-------------------------|---|
| Crimp Specification | CS-5159-001 |
| Packaging Specification | 51599200SPK-200 |
| Product Specification | 50510002-PS-000, PS-5045-001-001, PS-5045-002-001, PS-5051-006-001, PS-5102-004-001, PS-5159-001-001, PS-5159-002-001 |
| Sales Drawing | SD-5159X-001, SD-5159X-002 |



EU ELV

Not Relevant

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

Not Relevant

Not Contained

Search Parts in this Series

[5159 Series](#)

Use With

[2695](#) , [5051](#) , [6471](#) , [3071](#)

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 | 11030022 |
| Insertion Tool for KK 2.54mm Terminals, 22-30 AWG | 638120000 |
| Mini-Mac Applicator for KK and Cat Ear Terminals for 22-30 AWG Wire with | 638882000 |

| | |
|--|------------------|
| Insulation Diameter 1.09-1.57mm and 22-28 AWG Wire with Insulation Diameter 1.20-1.70mm Mini-Mac Applicator <u>638882100</u> for KK and Cat Ear Terminals for 22-30 AWG Wire with Insulation Diameter 0.96-1.20mm | |
| Japan | |
| Description | Product # |
| Hand Extraction Tool | <u>11260059</u> |

This document was generated on 12/22/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[08-70-0064](#) [08-70-0064 \(Mouser Reel\)](#) [08-70-0064 \(Cut Strip\)](#)