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Part Number: [45570-3004](#)
Status: **Active**
Overview: [KK® Interconnection System](#)
Description: 3.96mm (.156") Pitch MarKK™ Crimp Terminal, 18 to 20 AWG, Tin (Sn) Over Nickel (Ni) With Select Gold (Au) Plating, Chain and Reel

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-45570-001 \(PDF\)](#)
[Product Specification PS-45570-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 45570 |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | KK® Interconnection System |
| Packaging Alternative | 45570-3054 (Loose) |
| Product Name | KK®, MarKK™ |
| UPC | 756054932049 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 25 |
| Gender | Female |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 0.251/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.540µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 3.12mm |
| Wire Size AWG | 18, 20 |
| Wire Size mm² | 1.14 |

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 13A |
| Voltage - Maximum | 600V DC |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--------------|
| Product Specification | PS-45570-001 |
| Sales Drawing | SD-45570-001 |
| Test Summary | TS-45570-001 |



image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[45570Series](#)

Mates With

[3.96mm KK™ Headers . 41661 , 41662 , 41671 , 41672 , 41681. 41682 , 41771 , 41772 , 41971 , 41792](#)

Use With

[KK™ Crimp Terminal Housings, 41695 , 6442](#)

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 | 0011030016 |
| Hand Tool for 3.96mm Crimp | 0638193600 |

| | |
|---|-------------------|
| Terminals, 18-20 AWG Wire T2 Terminator | <u>0638562000</u> |
| Tooling Die for 3.96mm Center Terminals, 18-20 AWG Wire FineAdjust™ | <u>0638662000</u> |
| Applicator for 3.96mm Centers Female Terminals | |

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