



Part Number : [08520101](#)

Product Description : KK 254 Crimp Terminal 6459, 30-22 AWG, Reel, Phosphor Bronze Tin (Sn)

Series Number : 6459

Status : Active

Product Category : Crimp Terminals

Engineering Number : 6459-(P909)

Packaging Alternative : 08520123 (Bag)

Documents & Resources

Drawings

[Drawing 008520101_sd.pdf](#)

[Packaging Design Drawing PK-2759-002-001.pdf](#)


Specifications

[Product Specification PS-10-07-001.pdf](#)

[Test Summary TS-10-07-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS |  |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 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)

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 6459 |
| Description | KK 254 Crimp Terminal 6459, 30-22 AWG, Reel, Phosphor Bronze Tin (Sn) |
| Application | Signal, Wire-to-Board |
| Product Family | KK Interconnect Systems |
| 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 ² | N/A |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

Use with Part(s)

| | |
|-------------|-------------|
| Description | Part Number |
|-------------|-------------|

Application Tooling**Global**

| Description | Part Number |
|--|------------------|
| Extraction Tool for KK 2.54mm Terminals, 30-22 AWG | <u>11030022</u> |
| Terminator Die | <u>11402265</u> |
| Insertion Tool for KK 2.54mm Terminals, 30-22 AWG | <u>638120000</u> |
| Mini-Mac Applicator for KK and Cat Ear Terminals for 30-22 AWG Wire with Insulation Diameter 1.09-1.57mm and 28-22 AWG Wire with Insulation Diameter 1.20-1.70mm | <u>638882000</u> |
| Mini-Mac Applicator for KK and Cat Ear Terminals for 30-22 AWG Wire with Insulation Diameter 0.96-1.20mm | <u>638882100</u> |