



Part Number : 08700049

Series Number : 5159

Product Category : Crimp Terminals

Packaging Alternative : 08700048 (Reel)

Product Description : KK Cat Ear Crimp Terminal 5159, 22-28 AWG, Bag, Phosphor Bronze, Tin (Sn) Plating

Status : New Business Not Supported

Engineering Number : 5159PBTl

Documents & Resources

Tooling Specifications

Crimp Specification CS-5159-001.pdf

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                           |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2023)8585-DC (23 Jan 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         | New Business Not Supported                                                        |
| Category       | Crimp Terminals                                                                   |
| Series         | 5159                                                                              |
| Description    | KK Cat Ear Crimp Terminal 5159, 22-28 AWG, Bag, Phosphor Bronze, Tin (Sn) Plating |
| Application    | Signal, Wire-to-Board                                                             |
| Product Family | KK Interconnect Systems                                                           |
| Product Name   | Cat Ear, KK                                                                       |
| UPC            | 800753614369                                                                      |

## Physical

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 91.500/mg            |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.914µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 1.20-1.70mm          |
| Wire Size (AWG)                | 22, 24, 26, 28       |
| Wire Size mm <sup>2</sup>      | N/A                  |

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## Application Tooling

### Global

| Description                                                           | Part Number      |
|-----------------------------------------------------------------------|------------------|
| Extraction Tool for KK 2.54mm Terminals, 22-30 AWG                    | <u>11030022</u>  |
| PremiumGrade Hand Crimp Tool for KK 2.54mm Crimp Terminals, 22-30 AWG | <u>638118200</u> |
| Insertion Tool for KK 2.54mm Terminals, 22-30 AWG                     | <u>638120000</u> |

## Application Tooling

Japan

| Description          | Part Number     |
|----------------------|-----------------|
| Hand Extraction Tool | <u>11260059</u> |