

**Part Number :** [08700049](#)

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

**Series Number :** 5159

**Status :** Not Recommended For New Design

**Product Category :** Crimp Terminals

**Engineering Part Number :** 5159PBTL

**Packaging Alternative :** [08700048](#) (Reel)

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## Documents and Resources

### Drawings

[008700049 sd.pdf](#)

[008700049 stp.zip](#)

### Specifications

[51599200SPK-200.pdf](#)

[PS-5045-001-001.pdf](#)

[PS-5045-002-001.pdf](#)

[50510000-000.pdf](#)

[50510002-PS-000.pdf](#)

[PS-5051-006-001.pdf](#)

[PS-5102-004-001.pdf](#)

[PS-5159-003-001.pdf](#)


### Tooling Specifications

[CS-5159-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21

REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

Status	Not Recommended For New Design
Category	Crimp Terminals
Series	5159
Description	KK Cat Ear Crimp Terminal 5159, 28-22 AWG, Bag, Phosphor Bronze, Tin (Sn) Plating
Application	Signal, Wire-to-Board
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

## Mates With / Use With

### Use with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	<u>2695</u>
KK 2.50mm Pitch Single Row Receptacle Housings	<u>5051</u>

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## Application Tooling

### Global

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

### Japan

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