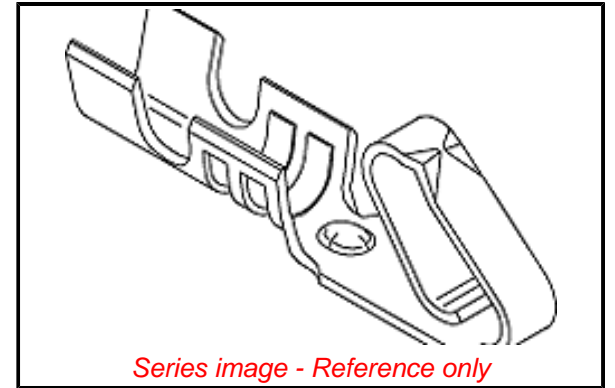


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0008700049**  
**Status:** **Active**  
**Overview:** KK® Interconnect System - Molex  
**Description:** KK Cat Ear Crimp Terminal 5159, 22-28 AWG, Bag, Phosphor Bronze, Tin (Sn) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-5051-006-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5102-004-001 (PDF)</a>
<a href="#">Product Specification 50510000-000 (PDF)</a>	<a href="#">Product Specification PS-5159-003-001 (PDF)</a>
<a href="#">Product Specification PS-5045-001 (PDF)</a>	<a href="#">Packaging Specification 51599200SPK-200 (PDF)</a>
<a href="#">Product Specification PS-5045-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Terminals
Series	<u>5159</u>
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>KK® Interconnect System - Molex</u>
Packaging Alternative	<u>08700048 (Reel)</u>
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 mm²	N/A

**Material Info**

Engineering Number	5159PBTL
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**Reference - Drawing Numbers**

Crimp Specification	CS-5159
Packaging Specification	51599200SPK-200
Product Specification	50510000-000, PS-5045-001, PS-5045-002, PS-5051-006-001, PS-5102-004-001, PS-5159-003-001
Sales Drawing	SD-5159X

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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	<a href="#">11030022</a>
Hand Crimp Tool	<a href="#">638118200</a>
Insertion Tool	<a href="#">638120000</a>

**Japan**

Description	Product #
Hand Extraction Tool	<a href="#">11260059</a>