

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

**Part Number:** [0097000001](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** KK 254 Cat Ear Crimp Terminal 4809, 22-30 AWG, Hot Tin Dip, Bottom Feed Reel  
**Replacement Part Number :** <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=00085000328500032 w/differences>

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification 48090001-PK-000 \(PDF\)](#)  
[Product Specification PS-99020-0088-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Crimp Terminals  
 Series [4809](#)  
 Application Signal, Wire-to-Board  
 Crimp Quality Equipment Yes  
 Overview [KK® Interconnect System - Molex](#)  
 Product Name Cat Ear, KK 254  
 Replacement Part Number [8500032 w/differences](#)  
 UPC 800753724198

**Physical**

Durability (mating cycles max) 25  
 Gender Female  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 0.072/g  
 Packaging Type Reel  
 Plating min - Mating 1.016µm  
 Plating min - Termination 1.016µm  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 1.57mm max.  
 Wire Size AWG 22, 24, 26, 28, 30  
 Wire Size mm² N/A

**Electrical**

Current - Maximum per Contact 3.0A  
 Voltage - Maximum 250V

**Material Info**

Engineering Number 4809C-(P918)BF

**Reference - Drawing Numbers**

Packaging Specification 48090001-PK-000  
 Product Specification PS-99020-0088-001  
 Sales Drawing SD-4809-X, SD-4809C-XXXX



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**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**

[4809 Series](#)

**Mates With**

Molex KK 2.54mm Pitch Headers and  
 0.04mm Pins

**Use With**

[6471 2.54mm Pitch KK Crimp Terminal  
 Housing](#)

**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 [11030022](#)

Insertion Tool [638120000](#)

Mini-Mac for Cat Ear [638887100](#)  
 and Anti-Fish Hook

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