

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008500136

Status:

Active

Overview:

kk

Description:

KK® Cat Ear Crimp Terminal 4809, 22-30 AWG, Tin, Bag

Documents:

Drawing (PDF)

Product Specification PS-99020-0088 (PDF)

Product Specification PS-10-07 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Crimp Terminals

Series

4809

Crimp Quality Equipment

Yes

Overview

kk

Product Name

Cat Ear, KK®

Physical

Gender

Female

Material - Metal

Brass

Material - Plating Mating

Tin

Packaging Type

Bag

Termination Interface: Style

Crimp or Compression

Wire Insulation Diameter

1.57mm (.062") max.

Wire Size AWG

22, 24, 26, 28, 30

Wire Size mm²

N/A

Material Info

Old Part Number

4809-(P914)L

Reference - Drawing Numbers

Product Specification

PS-10-07, PS-99020-0088

Sales Drawing

SD-4809-*



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

4809Series

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 #

Hand Crimp Tool

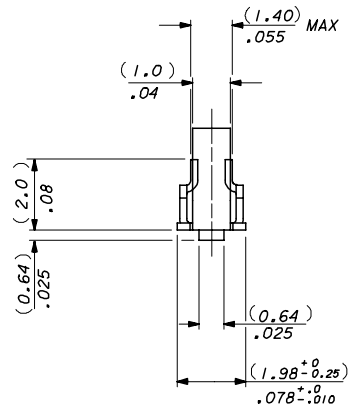
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

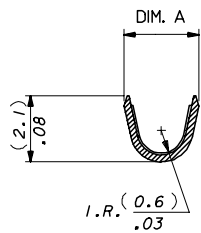
NOTES*

1. MATERIAL: (0.2)/.008 THICK BRASS 70/30, FOR MATL. SPEC SEE SHEET 2.
2. SUITABLE FOR 22-30 GA WIRE, (1.57)/.062 MAX INSULATION.
3. CODE LETTER PRECEDING PART No DESIGNATES MANUFG. LOCATION, I=IRELAND.
4. TERMINAL MUST MEET BEND SPEC. SDES-219.
5. THIS PART CONFORMS TO PROD. SPEC. 99020-0088

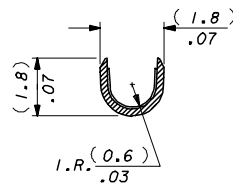
SECTION D-D
(4809-IT ONLY)



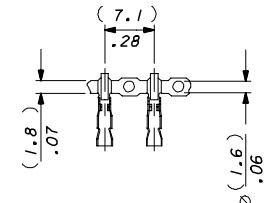
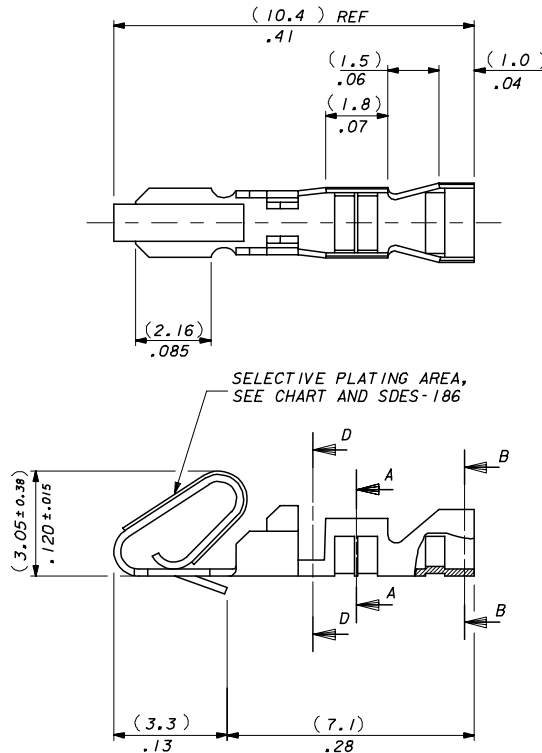
SECTION B-B



SECTION A-A



SELECTIVE PLATING AREA,
SEE CHART AND SDES-186



CARRIER STRIP DETAIL
SCALE 2:1

4809-(*)**
BLANK : DIM. A = (2.45-1.75) / .096-.069
M: DIM A = (2.35-2.05) / .093-.081
BLANK-CHAIN FORM TOP
FEEDING REEL
L-LOOSE FORM
BF-CHAIN FORM, BOTTOM
FEEDING REEL

DIM CORRECTION EC NO: E2007-0218 DRAWN: JDENNEHY 2006/09/15 CHKD: DMOR IARTY 2006/09/15 APPR: JDENNEHY 2006/10/11 AL	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					mm	INCH	DRAWN BY YCC	DATE 1986/07/30	TITLE ANTI-FISH HOOKING TERMINAL KK,(2.50)/.100					
				4 PLACES	± ---	± ---	CHECKED BY DMOR IARTY	DATE 2004/10/18	MOLEX INCORPORATED					
				3 PLACES	± ---	± .010								
				2 PLACES	± 0.25	± .014								
				1 PLACE	± 0.35	± ---								
				ANGULAR ± ---°			APPROVED BY JDENNEHY	DATE 2004/10/19	DOCUMENT NO. SD-4809-* SHEET NO. 1 OF 2					
				DRAFT WHERE APPLICABLE			MATERIAL NO.						SEE CHART	
				MUST REMAIN WITHIN DIMENSIONS			SIZE A2						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

13 12 11 10 9 8 7 6 5 4 3 2 1

FINISH NOTES*

(P902) HOT TIN DIP 1.0- 2.5µM/(.000040 - .000100)

(999) UNPLATED

(109) ELECTRO TIN PLATE (7.6-10µM)/.000300-.000400 OVER (1.25-2.0µM)/.000050-.000080 COPPER.

(505) GOLD PLATE (1.25-1.5µM)/.000050-.000060 OVER (1.25-2.0µM)/.000050-.000080 NICKEL.

(506) GOLD PLATE (1.25-1.5µM)/.000050-.000060 OVER (2.5-3.25µM)/.000100-.000130 NICKEL.

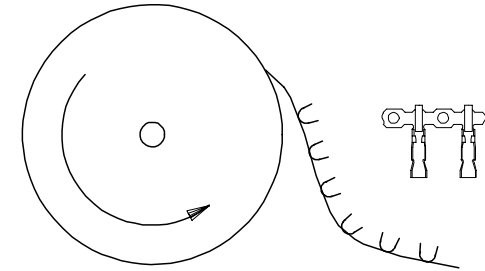
(507) GOLD PLATE (2.5-2.75µM)/.000100-.000110 OVER (1.25-2.0µM)/.000050-.000080 NICKEL.

(509) GOLD PLATE (1.25-1.5µM)/.000050-.000060 OVER (0.76-2.0µM)/.000030-.000080 NICKEL.

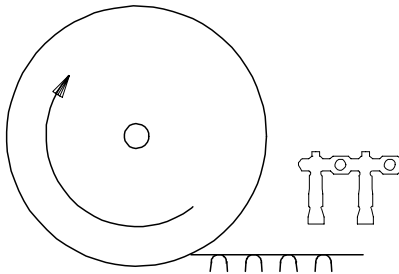
(550) GOLD PLATE (0.38-0.63µM)/.000015-.000025 OVER (0.76-1.5µM)/.000030-.000060 NICKEL
IN CONTACT AREA WITH (0.12µM)/.000005 MIN. GOLD FLASH OVERALL.

(555) SELECTIVE GOLD (0.38µM)/.000015 OVER (0.76µM)/.000030 IN CONTACT AREA ONLY.

(558) GOLD PLATE (0.76-1.5µM)/.000030-.000060 OVER (1.25-2.0µM)/.000050-.000080 NICKEL
IN CONTACT AREA WITH (0.12µM)/.000005 MIN. GOLD FLASH OVERALL.



TERMINALS FEEDING FROM THE TOP
OF THE REEL ARE STANDARD WOUND



TERMINALS FEEDING FROM THE BOTTOM
OF THE REEL ARE REVERSE WOUND
SEE NOTE 5

I	08-50-0022	4809-(109)BF	CHAIN	(109)	(2.1)/.083 REF
I	40-01-0831	↑ -(999)BF	↑	(999)	(2.1)/.083 REF
	NT	-(505)BF	↑	(505)	(2.1)/.083 REF
	NT	-(507)BF	↑	(507)	(2.1)/.083 REF
I	08-55-0119	-(555)BF	↑	(555)	(2.1)/.083 REF
I	08-56-0155	↓ -(550)BF	↓	(550)	(2.1)/.083 REF
I	08-50-0021	4809-(P902)BF	CHAIN	(P902)	(2.1)/.083 REF
	PART No	ENG No	FORM	FINISH	DIM . A
BOTTOM FEEDING REELS ONLY					

	NT	4809-(506)	CHAIN	(506)	ES-99001-0014	(2.1)/.083 REF
	NT	↑ -(506)JL	LOOSE	(506)		
I	08-56-0158	-(558)	CHAIN	(558)		(2.1)/.083 REF
	NT	-(558)JL	LOOSE	(558)		
	NT	-(509)	CHAIN	(509)		(2.1)/.083 REF
	NT	-(509)JL	LOOSE	(509)		
	NT	-(109)	CHAIN	(109)		(2.1)/.083 REF
	NT	-(109)JL	LOOSE	(109)		
I	40-01-0829	-(999)	CHAIN	(999)		(2.1)/.083 REF
I	40-01-0830	-(999)JL	LOOSE	(999)		
	NT	-(505)	CHAIN	(505)		(2.1)/.083 REF
	NT	-(505)JL	LOOSE	(505)		
	NT	-(507)	CHAIN	(507)		(2.1)/.083 REF
	NT	-(507)JL	LOOSE	(507)		
I	08-55-0110	-(555)	CHAIN	(555)		(2.1)/.083 REF
I	08-55-0111	-(555)JL	LOOSE	(555)		
	08-56-0120	-(550)	CHAIN	(550)	ES-99001-0014	(2.1)/.083 REF
	08-56-0115	-(550)JL	LOOSE	(550)		
I	08-50-0135	↓ -(P902)	CHAIN	(P914)	ES-99001-0015	(2.1)/.083 REF
I	08-50-0136	4809-(P902)JL	LOOSE	(P914)		
	PART No	ENG No	FORM	FINISH	MATL. SPEC.	DIM . A
TOP FEEDING REELS ONLY						

ADDED PART OPTION EC NO: E2005-0286 DRAWN: GMSWEN 2004/11/03 CHKD: DMOR IART 2004/11/03 APPR: JDENEHY 2004/11/04	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			4 PLACES ± --- ± ---	mm INCH	DRAWN BY MCC	DATE 1986/07/30	ANTI-FISH HOOKING TERMINAL KK.(2.50)/.100				
			3 PLACES ± --- ± .010		CHECKED BY DMOR IART	DATE 2004/10/18					
			2 PLACES ± 0.25 ± .014		APPROVED BY JDENEHY	DATE 2004/10/19	MOLEX INCORPORATED				
			ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-4809-*		2 OF 2		
			SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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