

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

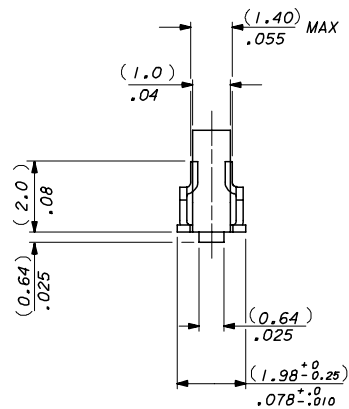
0638118200

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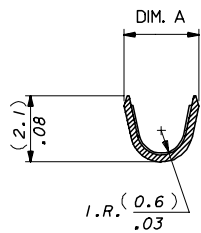
NOTES*

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

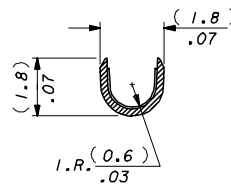
SECTION D-D
(4809-IT ONLY)



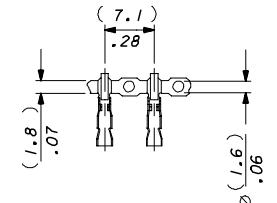
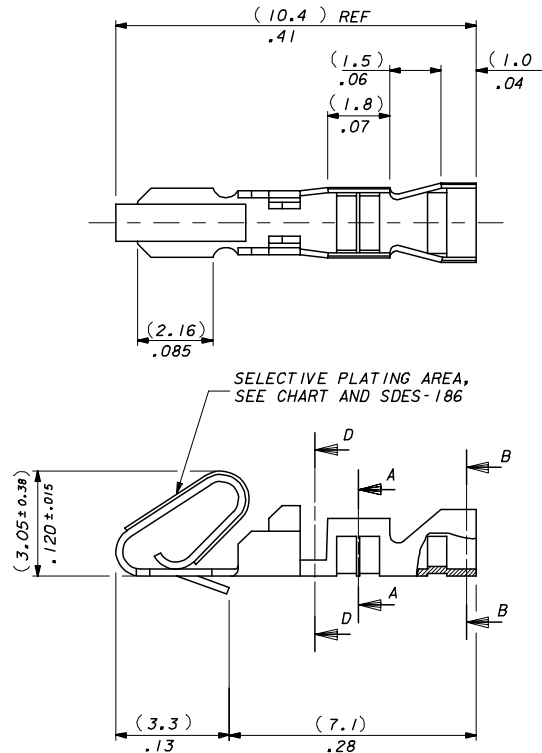
SECTION B-B



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

PLATING CODE

DIM CORRECTION EC NO: E2007-0218 DRAWN: JDENNEHY 2006/09/15 CHKD: DMOR IARTY 2006/09/15 APPR: JDENNEHY 2006/10/11	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY MCC	DATE 1986/07/30	TITLE ANTI-FISH HOOKING TERMINAL KK,(2.50)/.100		
			4 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED		
			3 PLACES	± ---	± .010	DMOR IARTY	2004/10/18			
			2 PLACES	± 0.25	± .014	APPROVED BY	DATE			
1 PLACE	± 0.35	± ---	JDENNEHY	2004/10/19	DOCUMENT NO. SD-4809-*					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± ---°		MATERIAL NO. SEE CHART		SHEET NO. 1 OF 2			
AL	REV		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.

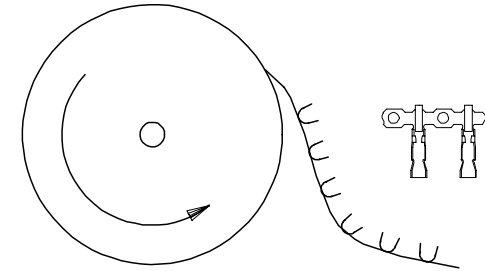
(507) GOLD PLATE (2.5-2.75µM)/.000100-.000110 OVER (1.25-2.0µM)/.000050-.000080 NICKEL.

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

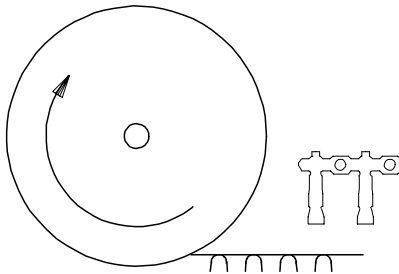
(550) GOLD PLATE (0.38-0.63µM)/.000015-.000025 OVER (0.76-1.5µM)/.000030-.000060 NICKEL
IN CONTACT AREA WITH (0.12µM)/.000005 MIN. GOLD FLASH OVERALL.

(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			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A2		SEE CHART		DOCUMENT NO. SD-4809-*		SHEET NO. 2 OF 2	
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12 11 10 9 8 7 6 5 4 3 2 1

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<http://moschip.ru/get-element>

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