

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

**Part Number:** [0008560115](#)  
**Status:** **Active**  
**Overview:** [kk](#)  
**Description:** KK® Cat Ear Crimp Terminal 4809, 22-30 AWG, Bag Selective Gold (Au)

**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	<a href="#">4809</a>
Crimp Quality Equipment	Yes
Overview	<a href="#">kk</a>
Product Name	Cat Ear, KK®

**Physical**

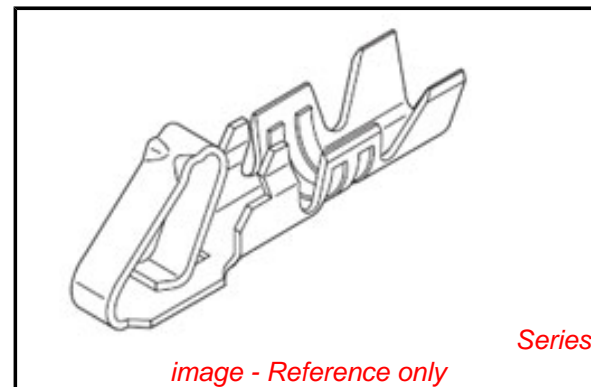
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Packaging Type	Bag
Plating min: Mating (µin)	15.2
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	4.8
Plating min: Termination (µm)	0.12
Termination Interface: Style	Crimp or Compression
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 4809550L

**Reference - Drawing Numbers**

Product Specification [PS-10-07](#), [PS-99020-0088](#)  
 Sales Drawing [SD-4809\\*](#)



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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.*

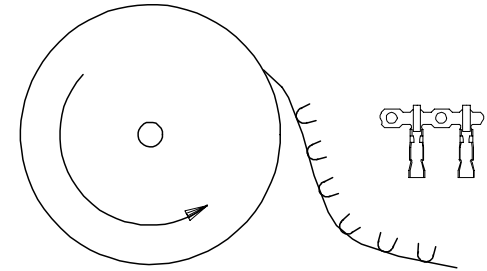
**Global**

Description	Product #
Hand Crimp Tool	<a href="#">0638118200</a>

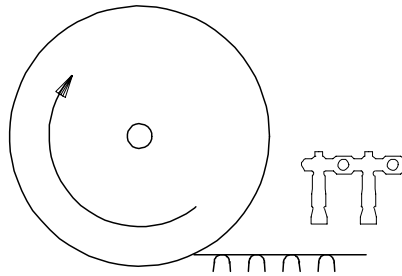


**FINISH NOTES\***

- (P902) HOT TIN DIP 1.0- 2.5UM/(.000040 - .000100)
- (999) UNPLATED
- (109) ELECTRO TIN PLATE (7.6-10UM)/.000300-.000400 OVER (1.25-2.0UM)/.000050-.000080 COPPER.
- (505) GOLD PLATE (1.25-1.5UM)/.000050-.000060 OVER (1.25-2.0UM)/.000050-.000080 NICKEL.
- (506) GOLD PLATE (1.25-1.5UM)/.000050-.000060 OVER (2.5-3.25UM)/.000100-.000130 NICKEL.
- (507) GOLD PLATE (2.5-2.75UM)/.000100-.000110 OVER (1.25-2.0UM)/.000050-.000080 NICKEL.
- (509) GOLD PLATE (1.25-1.5UM)/.000050-.000060 OVER (0.76-2.0UM)/.000030-.000080 NICKEL.
- (550) GOLD PLATE (0.38-0.63UM)/.000015-.000025 OVER (0.76-1.5UM)/.000030-.000060 NICKEL IN CONTACT AREA WITH (0.12UM)/.000005 MIN. GOLD FLASH OVERALL.
- (555) SELECTIVE GOLD (0.38UM)/.000015 OVER (0.76UM)/.000030 IN CONTACT AREA ONLY.
- (558) GOLD PLATE (0.76-1.5UM)/.000030-.000060 OVER (1.25-2.0UM)/.000050-.000080 NICKEL IN CONTACT AREA WITH (0.12UM)/.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)		(2.1)/.083 REF
I	08-56-0158	↓ -(558)JL	CHAIN	(558)		(2.1)/.083 REF
	NT	-(558)JL	LOOSE	(558)		(2.1)/.083 REF
	NT	-(509)JL	CHAIN	(509)		(2.1)/.083 REF
	NT	-(509)JL	LOOSE	(509)		(2.1)/.083 REF
	NT	-(109)JL	CHAIN	(109)		(2.1)/.083 REF
	NT	-(109)JL	LOOSE	(109)		(2.1)/.083 REF
I	40-01-0829	↓ -(999)JL	CHAIN	(999)		(2.1)/.083 REF
I	40-01-0830	↓ -(999)JL	LOOSE	(999)		(2.1)/.083 REF
	NT	-(505)JL	CHAIN	(505)		(2.1)/.083 REF
	NT	-(505)JL	LOOSE	(505)		(2.1)/.083 REF
	NT	-(507)JL	CHAIN	(507)		(2.1)/.083 REF
	NT	-(507)JL	LOOSE	(507)		(2.1)/.083 REF
I	08-55-0110	↓ -(555)JL	CHAIN	(555)		(2.1)/.083 REF
I	08-55-0111	↓ -(555)JL	LOOSE	(555)		(2.1)/.083 REF
	08-56-0120	↓ -(550)JL	CHAIN	(550)	ES-99001-0014	(2.1)/.083 REF
	08-56-0115	↓ -(550)JL	LOOSE	(550)		(2.1)/.083 REF
I	08-50-0135	↓ -(P902)JL	CHAIN	(P914)	ES-99001-0015	(2.1)/.083 REF
I	08-50-0136	4809-(P902)JL	LOOSE	(P914)	ES-99001-0015	(2.1)/.083 REF
	PART No	ENG No	FORM	FINISH	MATL. SPEC.	DIM . A

TOP FEEDING REELS ONLY

ADDED PART OPTION ECC No: E2005-0286 DRWNG: MCK CHK'D: DMOR IART APPR: JDEWNEY 2004/11/03 2004/11/04	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM/IN	NTS	METRIC		
				mm	INCH			
				4 PLACES ± --- ± ---				
		3 PLACES ± --- ± .010						
		2 PLACES ± 0.25 ± .014						
		1 PLACE ± 0.35 ± ---						
		ANGULAR ± --- °						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-4809-*		SHEET NO. 2 OF 2	

ANTI-FISH HOOKING TERMINAL KK,(2.50)/.100

MOLEX MOLEX INCORPORATED

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION