

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	4809
Crimp Quality Equipment	Yes
Overview	kk
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

Series

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

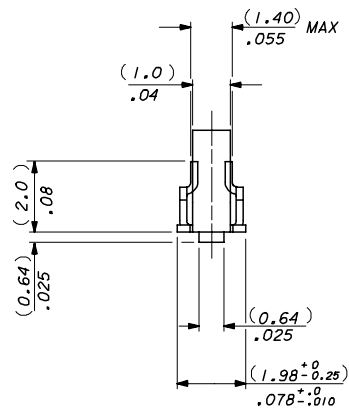
Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Hand Crimp Tool	0638118200

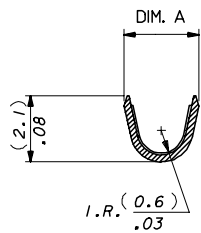
NOTES*

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

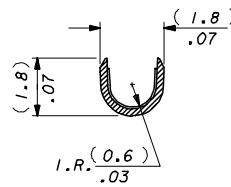
SECTION D-D
(4809-IT ONLY)



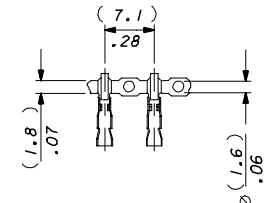
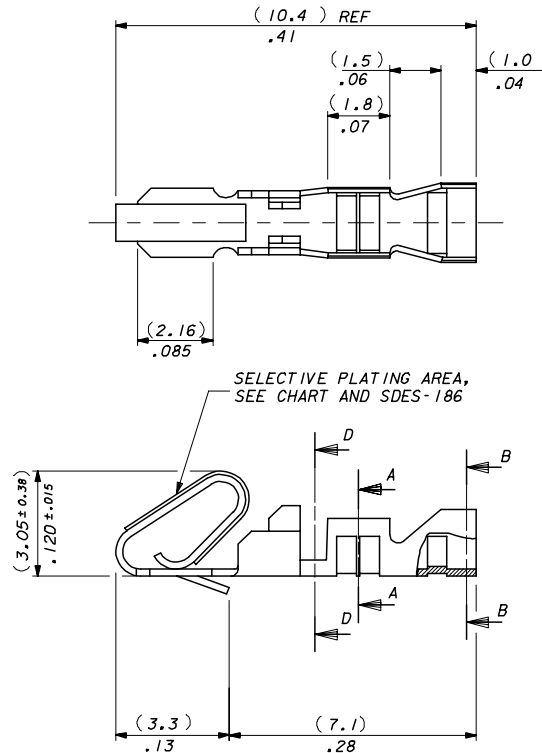
SECTION B-B



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 CHECKED BY 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 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	MOLEX INCORPORATED				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.	DOCUMENT NO. SD-4809-*					SHEET NO. 1 OF 2
			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- 2.5UM/(.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.

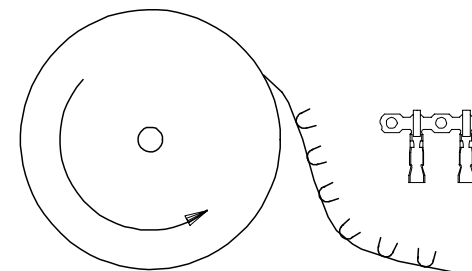
(507) GOLD PLATE (2.5-2.75UM)/.000100-.000110 OVER (1.25-2.0UM)/.000050-.000080 NICKEL.

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

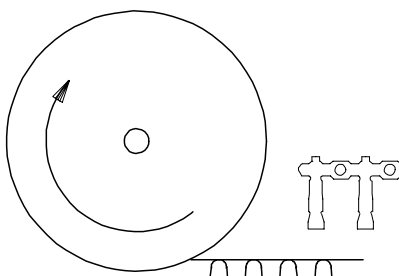
(550) GOLD PLATE (0.38-0.63UM)/.000015-.000025 OVER (0.76-1.5UM)/.000030-.000060 NICKEL IN CONTACT AREA WITH (0.12UM)/.000005 MIN. GOLD FLASH OVERALL.

(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)		
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) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± ---°	DIMENSION STYLE MM/IN DRAWN BY DATE MCC 1986/07/30 CHECKED BY DATE DMOR IART 2004/10/18 APPROVED BY DATE JDENEHY 2004/10/19	SCALE NTS DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	ANTI-FISH HOOKING TERMINAL KK.(2.50)/.100	
							MOLEX INCORPORATED	
							SD-4809-*	
							SHEET NO. 2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART				
SIZE A2				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9