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Part Number: [0008500135](#)
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	Reel
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)

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.

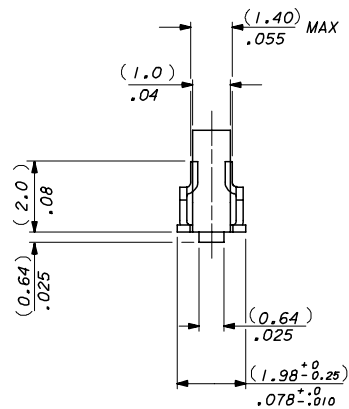
Search Parts in this Series
[4809Series](#)

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 #
Terminator Die	0011402102
Mini-Mac™ for KK®	0638887000
Cat Ear and Anti Fish Hook Crimp Terminals, 22-30 AWG	

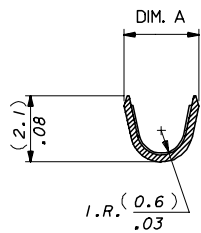
NOTES*

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

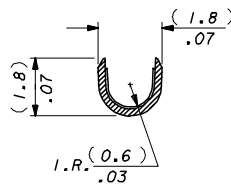
SECTION D-D
(4809-IT ONLY)



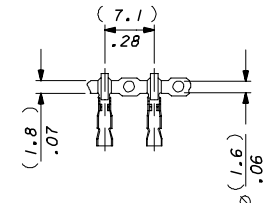
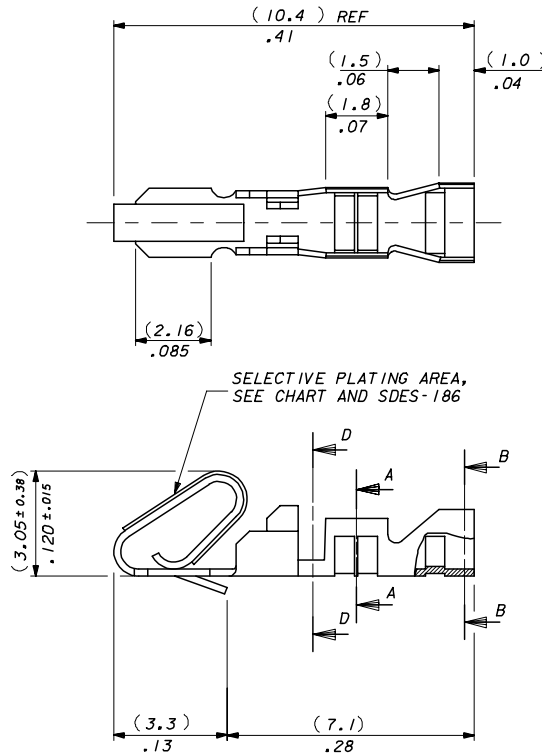
SECTION B-B



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: DENNEHY 2006/09/15 CHKD:DMOR IARTY 2006/09/15 APPR: DENNEHY 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							
			3 PLACES	± ---	± .010	DMOR IARTY	2004/10/18							
			2 PLACES	± 0.25	± .014	APPROVED BY	DATE							
			1 PLACE	± 0.35	± ---	JDENNEHY	2004/10/19	MOLEX MOLEX INCORPORATED						
			ANGULAR ± ---°			MATERIAL NO.		DOCUMENT NO.			SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-4809-*			1 OF 2			
						SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
			AL			REV								

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.

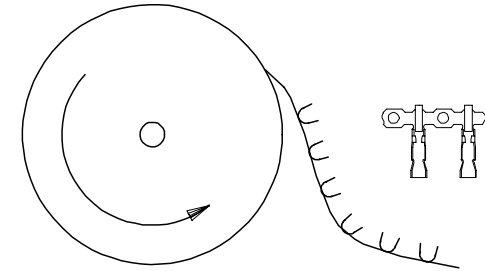
(507) GOLD PLATE (2.5-2.75UM)/.000100-.000110 OVER (1.25-2.0UM)/.000050-.000080 NICKEL.

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

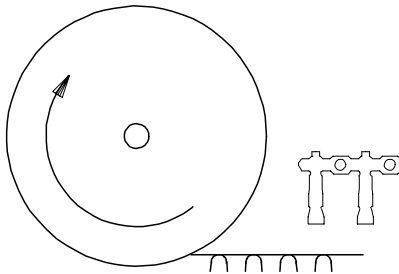
(550) GOLD PLATE (0.38-0.63UM)/.000015-.000025 OVER (0.76-1.5UM)/.000030-.000060 NICKEL
IN CONTACT AREA WITH (0.12UM)/.000005 MIN. GOLD FLASH OVERALL.

(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: JDEWNEY 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 JDEWNEY 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				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

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<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

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