

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

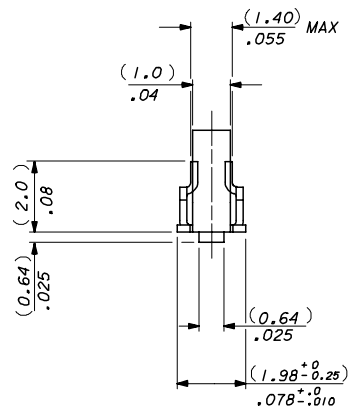
Description	Product #
Terminator Die	0011402102
Mini-Mac™ for KK®	0638887000
Cat Ear and Anti Fish Hook Crimp Terminals, 22-30 AWG	

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

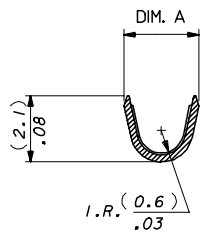
NOTES*

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

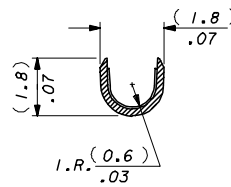
SECTION D-D
(4809-1T ONLY)



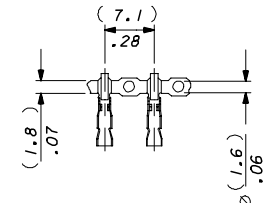
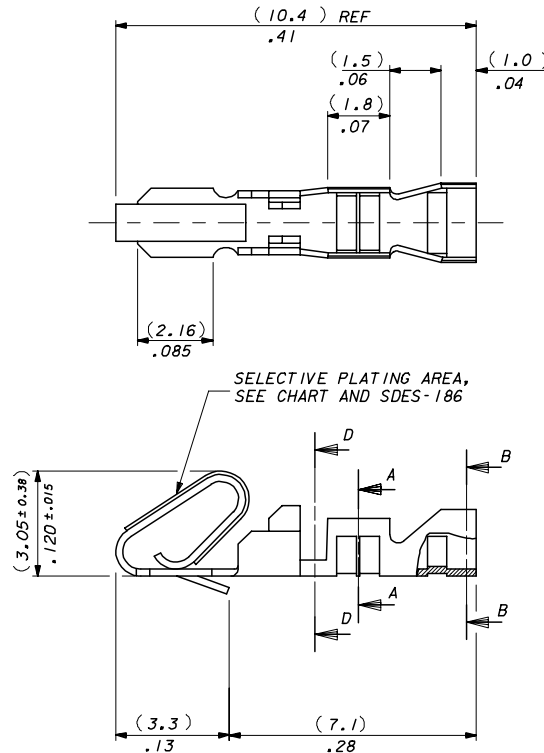
SECTION B-B



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	2006/09/15	2006/09/15	2006/10/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION								
	DRWN: JDENNEHY	2006/09/15	2006/09/15	2006/10/11			MM/IN	10:1	METRIC		PROJECTION								
	CHKD: DMOR IARTY	2006/09/15	2006/09/15	2006/10/11			DRAWN BY	DATE	TITLE										
	APPR: JDENNEHY	2006/09/15	2006/09/15	2006/10/11			CHECKED BY	DATE	ANTI-FISH HOOKING										
	APPR: JDENNEHY	2006/09/15	2006/09/15	2006/10/11			DMOR IARTY	2004/10/18	TERMINAL KK,(2.50)/.100										
AL	REV	DESCRIPTION	4 PLACES	±	---	±	---	mm	INCH	APPROVED BY	DATE		MOLEX INCORPORATED						
													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
AL	REV	DESCRIPTION	3 PLACES	±	---	±	.010	mm	INCH	JDENNEHY	2004/10/19	DOCUMENT NO.	SD-4809-*						
													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
AL	REV	DESCRIPTION	2 PLACES	±	0.25	±	.014	mm	INCH	JDENNEHY	2004/10/19	DOCUMENT NO.	SD-4809-*						
													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
AL	REV	DESCRIPTION	1 PLACE	±	0.35	±	---	mm	INCH	JDENNEHY	2004/10/19	DOCUMENT NO.	SD-4809-*						
													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
AL	REV	DESCRIPTION	ANGULAR	±	---	±	---	mm	INCH	JDENNEHY	2004/10/19	DOCUMENT NO.	SD-4809-*						
													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

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.

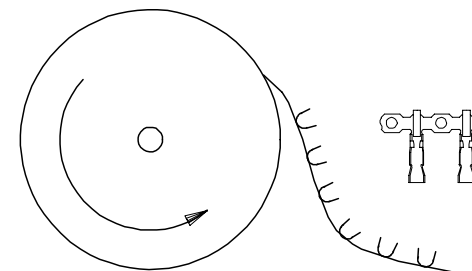
(507) GOLD PLATE (2.5-2.75µM)/.000100-.000110 OVER (1.25-2.0µM)/.000050-.000080 NICKEL.

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

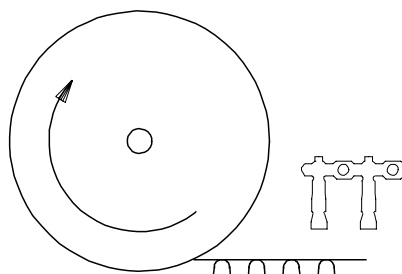
(550) GOLD PLATE (0.38-0.63µM)/.000015-.000025 OVER (0.76-1.5µM)/.000030-.000060 NICKEL IN CONTACT AREA WITH (0.12µM)/.000005 MIN. GOLD FLASH OVERALL.

(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			
	NT	-(509)	CHAIN	(509)		(2.1)/.083 REF
	NT	-(509)JL	LOOSE			
	NT	-(109)	CHAIN	(109)		(2.1)/.083 REF
	NT	-(109)JL	LOOSE			
I	40-01-0829	-(999)	CHAIN	(999)		(2.1)/.083 REF
I	40-01-0830	-(999)JL	LOOSE			
	NT	-(505)	CHAIN	(505)		(2.1)/.083 REF
	NT	-(505)JL	LOOSE			
	NT	-(507)	CHAIN	(507)		(2.1)/.083 REF
	NT	-(507)JL	LOOSE			
I	08-55-0110	-(555)	CHAIN	(555)		(2.1)/.083 REF
I	08-55-0111	-(555)JL	LOOSE			
	08-56-0120	-(550)	CHAIN	(550)	ES-99001-0014	(2.1)/.083 REF
	08-56-0115	-(550)JL	LOOSE			
I	08-50-0135	↓ -(P902)	CHAIN	(P914)	ES-99001-0015	(2.1)/.083 REF
I	08-50-0136	4809-(P902)JL	LOOSE			
	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 REV	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 ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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 MATERIAL NO. DOCUMENT NO. SD-4809-*	SCALE NTS DESIGN UNITS METRIC THIRD ANGLE PROJECTION ANTI-FISH HOOKING TERMINAL KK,(2.50)/.100 MOLEX INCORPORATED SHEET NO. 2 OF 2	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



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.