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This document was generated on 06/01/2010

# 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-10-07 (PDF)
Product Specification PS-99020-0088 (PDF)
RoHS Certificate of Compliance (PDF)

*Series image - Reference only*

## 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-* |

**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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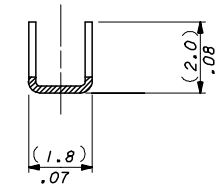
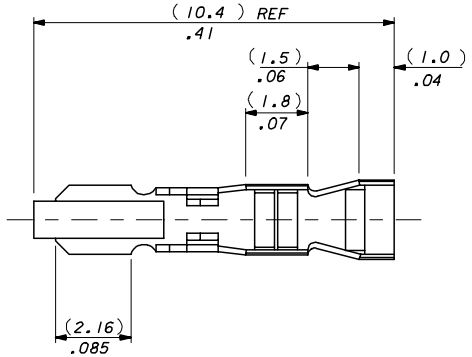
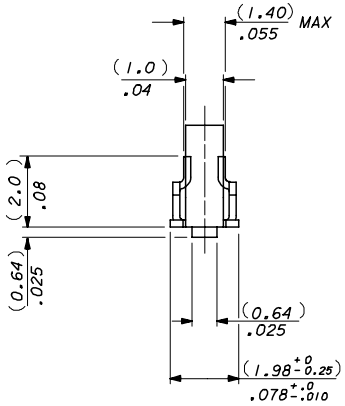
NOTES:

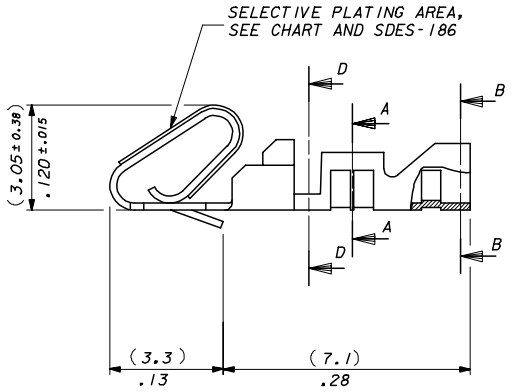
1. MATERIAL: (0.2)/.008 THICK BRASS 70/30, FOR MATL. SPEC SEE SHEET 2.
2. SUITABLE FOR 22-30 GA WIRE, (1.57)/.062 MAX INSULATION.
3. CODE LETTER PRECEDING PART No DESIGNATES MANUFG. LOCATION, I=IRELAND.
4. TERMINAL MUST MEET BEND SPEC. SDES-219.
5. THIS PART CONFORMS TO PROD. SPEC. 99020-0088

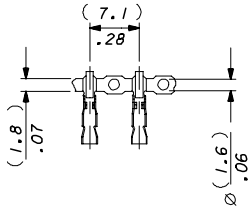



SECTION D-D
(4809-1T ONLY)

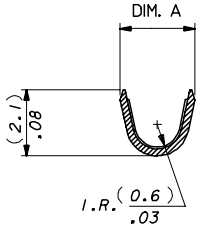


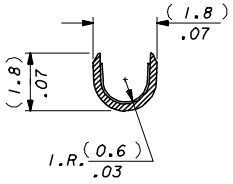




CARRIER STRIP DETAIL
SCALE 2:1




SECTION B-B




SECTION A-A

4809-(*)* *

- PLATING CODE
- BLANK-CHAIN FORM TOP FEEDING REEL
  L-LOOSE FORM
  BF-CHAIN FORM, BOTTOM FEEDING REEL
- BLANK : DIM. A = (2.45-1.75) / .096-.069
- M: DIM A = (2.35-2.05) / .093-.081

DIM CORRECTION
EC NO: E2007-0218
DRWN: JDENNEHY 2006/09/15
CHKD: DMORIARTY 2006/09/15
APPR: JDENNEHY 2006/10/11
DESCRIPTION
REV
AL

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 |
| SCALE | 10:1 |
| DESIGN UNITS | METRIC |
| | THIRD ANGLE PROJECTION |
| DRAWN BY | MCC |
| DATE | 1986/07/30 |
| CHECKED BY | DMORIARTY |
| DATE | 2004/10/18 |
| APPROVED BY | JDENNEHY |
| DATE | 2004/10/19 |
| MATERIAL NO. | SEE CHART |
| DOCUMENT NO. | SD-4809-* |
| SHEET NO. | 1 OF 2 |
| SIZE | A2 |

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

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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.

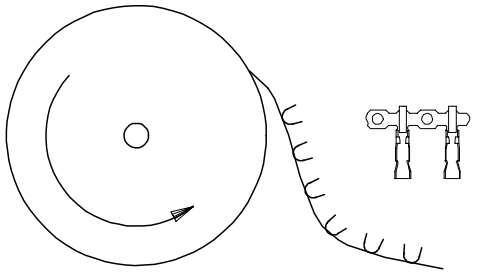
(507) GOLD PLATE (2.5-2.75uM)/.000100-.000110 OVER (1.25-2.0uM)/.000050-.000080 NICKEL.

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

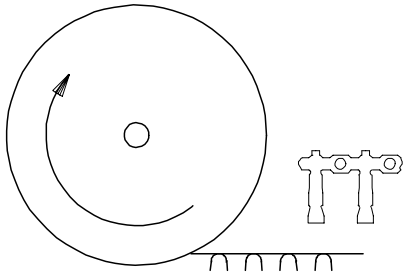
(550) GOLD PLATE (0.38-0.63uM)/.000015-.000025 OVER (0.76-1.5uM)/.000030-.000060 NICKEL IN CONTACT AREA WITH (0.12uM)/.000005 MIN. GOLD FLASH OVERALL.

(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)L | LOOSE | | | |
| I | 08-56-0158 | -(558) | CHAIN | (558) | | (2.1)/.083 REF |
| | NT | -(558)L | LOOSE | | | |
| | NT | -(509) | CHAIN | (509) | | (2.1)/.083 REF |
| | NT | -(509)L | LOOSE | | | |
| | NT | -(109) | CHAIN | (109) | | (2.1)/.083 REF |
| | NT | -(109)L | LOOSE | | | |
| I | 40-01-0829 | -(999) | CHAIN | (999) | | (2.1)/.083 REF |
| I | 40-01-0830 | -(999)L | LOOSE | | | |
| | NT | -(505) | CHAIN | (505) | | (2.1)/.083 REF |
| | NT | -(505)L | LOOSE | | | |
| | NT | -(507) | CHAIN | (507) | | (2.1)/.083 REF |
| | NT | -(507)L | LOOSE | | | |
| I | 08-55-0110 | -(555) | CHAIN | (555) | | (2.1)/.083 REF |
| I | 08-55-0111 | -(555)L | LOOSE | | | |
| | 08-56-0120 | -(550) | CHAIN | (550) | ES-99001-0014 | (2.1)/.083 REF |
| | 08-56-0115 | -(550)L | LOOSE | | | |
| I | 08-50-0135 | -(P902) | CHAIN | (P914) | ES-99001-0015 | (2.1)/.083 REF |
| I | 08-50-0136 | 4809-(P902)L | LOOSE | | | |
| | PART No | ENG No | FORM | FINISH | MATL. SPEC. | DIM . A |
| TOP FEEDING REELS ONLY | | | | | | |

ADDED PART OPTION
EC NO: E2005-0286 2004/11/03
DRWN:GMCSWEEN 2004/11/03
CH'KD:DMORIART 2004/11/04
APPR: JDENNEHY
DESCRIPTION
REV AK

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
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MCC DATE: 1986/07/30
CHECKED BY: DMORIART DATE: 2004/10/18
APPROVED BY: JDENNEHY DATE: 2004/10/19

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

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-4809-*
SHEET NO.: 2 OF 2

SIZE A2

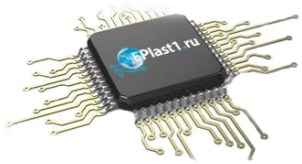
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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.