This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0008550110
Status: Active
Overview: kk
Description: KK® Cat Ear Crimp Terminal 4809, 22-30 AWG, Reel Selective Gold (Au)

Documents:

3D Model
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	Gold
Material - Plating Termination	Gold
Packaging Type	Reel
Plating min: Mating (µin)	15.2
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	15.2
Plating min: Termination (µm)	0.38
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-(555)

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

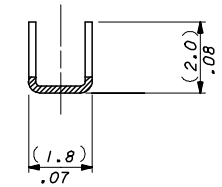
Description	Product #
Extraction Tool	0011030022
Terminator Die	0011402102
Insertion Tool	0638120000

This document was generated on 06/01/2010

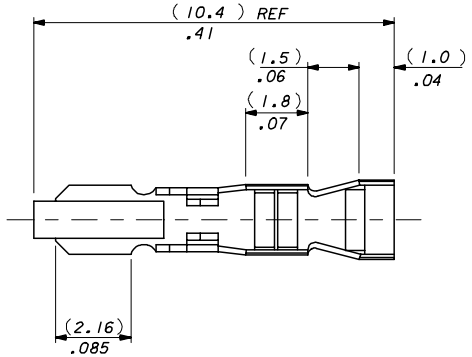
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

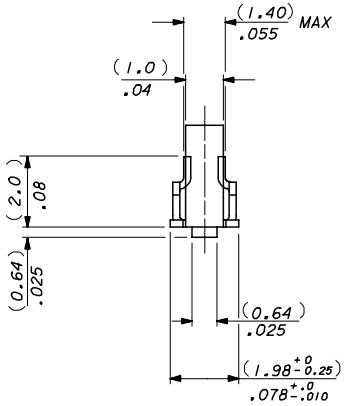
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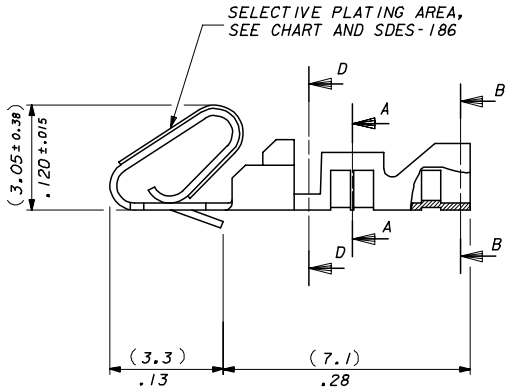
1. MATERIAL: (0.2)/.008 THICK BRASS 70/30, FOR MATL. SPEC SEE SHEET 2.
2. SUITABLE FOR 22-30 GA WIRE, (1.57)/.062 MAX INSULATION.
3. CODE LETTER PRECEDING PART No DESIGNATES MANUFG. LOCATION, I=IRELAND.
4. TERMINAL MUST MEET BEND SPEC. SDES-219.
5. THIS PART CONFORMS TO PROD. SPEC. 99020-0088

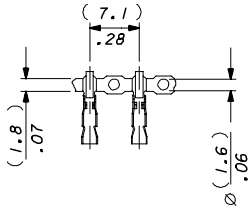


SECTION D-D
(4809-1T ONLY)

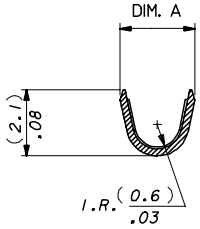




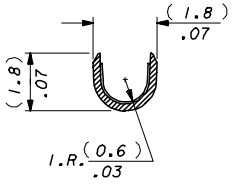




CARRIER STRIP DETAIL
SCALE 2:1



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.

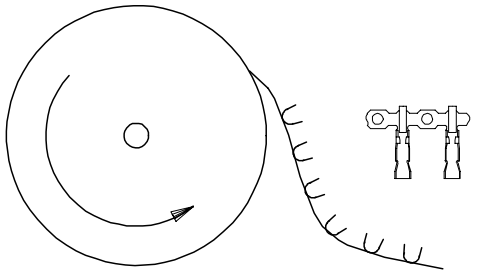
(507) GOLD PLATE (2.5-2.75uM)/.000100-.000110 OVER (1.25-2.0uM)/.000050-.000080 NICKEL.

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

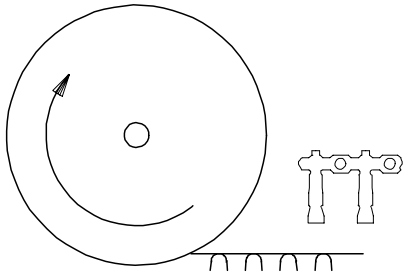
(550) GOLD PLATE (0.38-0.63uM)/.000015-.000025 OVER (0.76-1.5uM)/.000030-.000060 NICKEL IN CONTACT AREA WITH (0.12uM)/.000005 MIN. GOLD FLASH OVERALL.

(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

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