

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0097000001

Status:

Active

Overview:

kk

Description:

KK® Cat Ear Crimp Terminal 4809, 22-30 AWG, Un-plated, Reel



Series

image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Product Specification PS-99020-0088 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	4809
Crimp Quality Equipment	Yes
Overview	kk
Product Name	Cat Ear, KK®

Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1.00
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
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

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Material Info

Old Part Number	4809CP902BF
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Reference - Drawing Numbers

Product Specification	PS-99020-0088
Sales Drawing	SD-4809C-(***)*

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

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

Mates With
Molex KK 2.54mm (.100") pitch headers and
0.04mm (.025") pins

Use With
5051, 6471

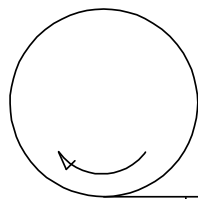
Application Tooling | [FAQ](#)
Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.

Global	
Description	Product #
Extraction Tool	0011030022
Insertion Tool	0638120000

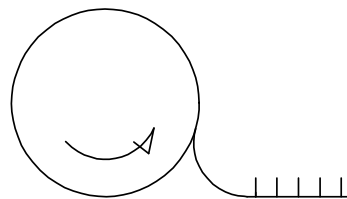
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10 9 8 7 6 5 4 3 2 1

F



'A' WINDING REEL
PER ES 339



'B' WINDING REEL
PER ES 339

FINISH NOTES:

(999) - UNPLATED

(P902) - HOT TIN (1.0 - 2.5um) 0.000040" - 0.000100"

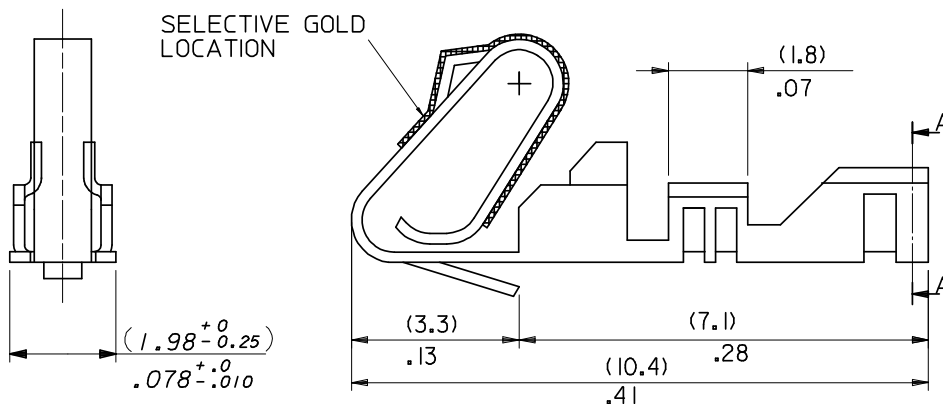
(102) - OVERALL ELECTRO TIN (5.0um) 0.00020" MIN OVERALL COPPER (3.0um) 0.00013" MIN

(555) - SELECTIVE GOLD (0.38um) 0.000015" MIN OVERALL NICKEL (0.75um) 0.000030" MIN

08-55-0112	4809C-(555)M	CHAIN	(555)	(2.2)/.087 REF
08-50-0030	4809C-(P902)M	CHAIN	(P902)	(2.2)/.087 REF
08-50-0031	4809C-(P902)	CHAIN	(P902)	(2.1)/.083 REF
08-50-0032	4809C-(P902)L	LOOSE	(P902)	(2.1)/.083 REF
97-00-0450	4809C-(999)	CHAIN	(999)	(2.1)/.083 REF
97-00-0451	4809C-(999)L	LOOSE	(999)	(2.1)/.083 REF
PART No	ENG No	FORM	SEE FINISH NOTES	DIM . A
'B' WINDING PER E.S. 339 (CHAIN ONLY)				

E

D



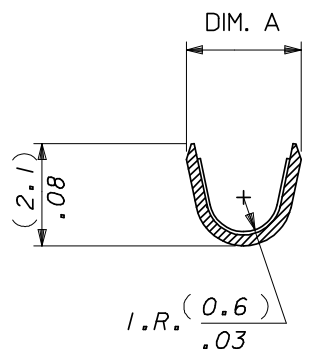
C

97-00-0001	4809C-(P902)BF	CHAIN	(P902)	(2.1)/.083 REF
PART No	ENG No	FORM	SEE FINISH NOTES	DIM . A
'A' WINDING PER E.S. 339				

NOTES:

1. SAME AS SD-4809-* EXCEPT WITH CAT EARS.
2. FOR 22-30 GAUGE WIRE & (1.57)/.062 DIA. INSULATION MAX.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPEC. PS-99020-0088.
4. MATERIAL (0.20 ±0.01)/.008 ±.0004 THICK BRASS, ALLOY: 260 TENSILE: 85-95M PSI

B



SECTION A-A

ADDED END VIEW EC NO: E2007-0218 DRWN: JDENNEY 2006/09/15 CHKD: DMORIARTY 2006/09/15 APPR: JDENNEY 2006/10/11	DESCRIPTION	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY AOD	DATE 1999/02/20	TITLE ANTI FISH HOOKING TERMINAL KK,(2.50)/.100 WITH CAT EARS				
			4 PLACES	± ---	± ---	CHECKED BY DMORIARTY	DATE 2004/10/18					
			3 PLACES	± ---	± .010	APPROVED BY JDENNEY	DATE 2004/10/19					
			2 PLACES	± 0.25	± .020	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-4809C-(***)*				
			1 PLACE	± 0.51	± ---	SHEET NO. 1 OF 1						
			ANGULAR ± ---°									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
K	REV											