

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008500032

Status:

Active

Overview:

kk

Description:

KK® Cat Ear Crimp Terminal 4809, 22-30 AWG, Hot Tin, Bag

Documents:

3D Model

Drawing (PDF)

Product Specification PS-10-07 (PDF)

Product Specification PS-99020-0088 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

4809

Yes

kk

Cat Ear, KK®

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Female

Brass

Tin

Tin

Bag

40

1.00

40

1.00

Crimp or Compression

1.57mm (.062") max.

22, 24, 26, 28, 30

N/A

Material Info

Old Part Number

4809-C-P902-L

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-10-07, PS-99020-0088

SD-4809C-(***)*



Series
image - Reference only

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

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.

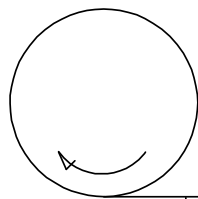
Global

Description	Product #
Extraction Tool	0011030022
Insertion Tool	0638120000
Hand Crimp Tool	0638118200

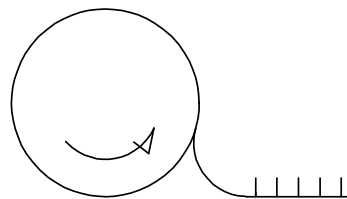
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10 9 8 7 6 5 4 3 2 1

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"

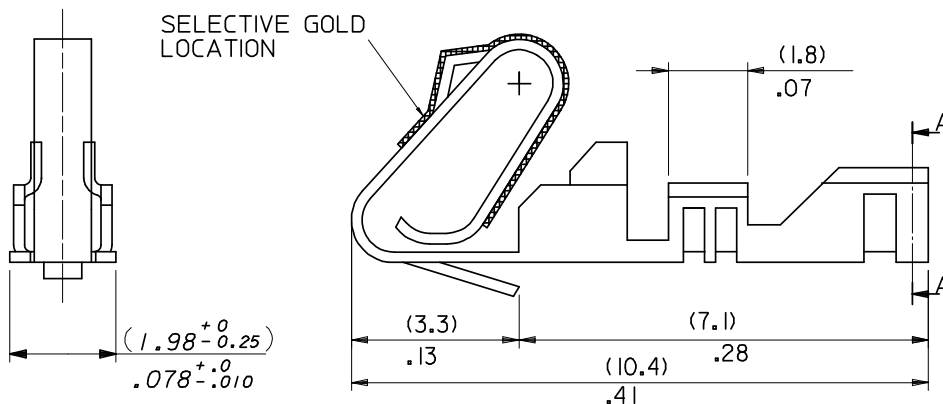
(102) - OVERALL ELECTRO TIN (5.0um) 0.00020" MIN OVERALL COPPER (3.0um) 0.00013" MIN

(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

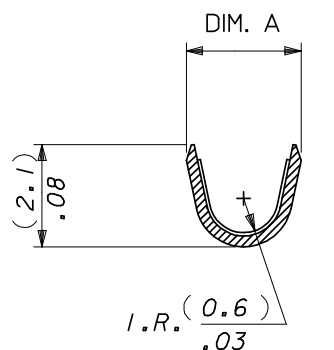
D



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				

B



SECTION A-A

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

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	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	± 0.020	MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
				1 PLACE	± 0.51	± ---	SEE CHART		SD-4809C-(***)*	1 OF 1		
				ANGULAR ± ---°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
				REV								

9 8 7 6 5 4 3 2 1