

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008650804

Status:

Active

Overview:

kk

Description:

KK® Cat Ear Crimp Terminal 41572, Reel Tin (Sn)

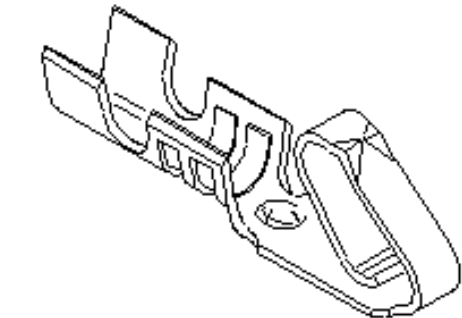


image - Reference only .Series

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	41572
Crimp Quality Equipment	Yes
Overview	kk
Product Name	Cat Ear, KK®
Physical	
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.50
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.50
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	41572-A(P909)
Reference - Drawing Numbers	
Product Specification	RPS-7478-001
Sales Drawing	SD-41572

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
41572Series

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	0011402265
Insertion Tool	0638120000
Mini-Mac™	0638882000
Applicator, Use with Large Wire Insulation Diameter	
Mini-Mac™	0638882100
Applicator, Use with Small Wire Insulation Diameter	

This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Technical drawing of a three-hole punch plate. The drawing shows three vertical punch holes in a horizontal plate. Dimensions are indicated: a horizontal dimension of (5.1) with a .20 TYP tolerance, and a vertical dimension of (1.8) with a .07 DIA. TYP tolerance.

Technical drawing of a mechanical part with dimensions:

- Top horizontal dimension: $(1,09)$
- Top horizontal dimension: $.043$
- Left vertical dimension: $(3,12 \pm .38)$
- Left vertical dimension: $.123 \pm .015$
- Bottom left horizontal dimension: $(.64)$
- Bottom left horizontal dimension: $.025$
- Bottom right horizontal dimension: $(1,91)$
- Bottom right horizontal dimension: $\varnothing 75$

Technical drawing of a mechanical part with dimensions:

- Overall length: $9.70 \pm .38$
- Overall width: $.382 \pm .015$
- Top surface features:
 - Left section: (2.03) $.080$
 - Middle section: (1.17) $.046$
 - Right section: (1.52) $.060$
- Bottom surface features:
 - Left section: (1.52) $.060$
 - Middle section: (1.17) $.046$
 - Right section: (2.03) $.080$

Figure 1 shows a technical drawing of a mechanical part with a "CAT EAR" feature. The drawing includes the following dimensions and features:

- Top Radius:** (2,84)
- Top Thickness:** .112
- Ear Width:** (.71)
- Ear Thickness:** .028
- Bottom Radius:** (3,2)
- Bottom Thickness:** .13
- Section Lines:** A-A and B-B

(1.8)
 $\varnothing .07$
 (1.65)
 $\frac{\quad}{\varnothing .065}$
 (.8)
 $\varnothing .03$ IR
 SECTION A-A
 BACKGROUND OMITTED

SECTION B-B
BACKGROUND OMITTED

A diagram showing a circular disc with several curved lines representing paper interleafs. One line is labeled "PAPER INTERLEAF". To the right, a vertical cross-section shows the disc and interleafs between two horizontal bars.

41572-*(***)*

MATERIAL | FORM

A=SEE NOTE 5 | L=LOOSE
BLANK=CHAIN PER DETAIL A

PLATING

PER SDES-88

•(P909) OVERALL HOT TIN DIP: .00254 MICROMETERS MIN

(550) SELECT GOLD: .00038 MICROMETERS MIN.

OVERALL GOLD FLASH: .00005 MICROMETERS MIN.

OVERALL NICKEL UNDERPLATE: .00076 MICROMETERS MIN.

(555) SELECT GOLD: .00038 MICROMETERS MIN.

OVERALL NICKEL UNDERPLATE: .00076 MICROMETERS MIN.

•THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.

PART NO.	ENG NO.
08-65-0804	41572-A(P909)
08-65-0805	41572-A(P909)
	41572-A(555)
	41572-A(555)L
	41572-A(550)
	41572-A(550)L

D	CHG P913 TO P909 UCP2004-1891 4-6-04 SCHAFFER
---	---

C	ADD TO CAD ECR U30423 3-19-93 SAMIEC
---	--

DIMENSIONS SHOWN METRIC INCH		MFG. SGN. REV. LTR.		REVISIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: ±		= 0		REVISE ONLY ON CAD SYSTEM	
TITLE		CRIMP TERMINAL			
INCH		22-30 GA WIRE			
METRIC		SAME AS 6459 EXCEPT CAT EAR			
1. P. HOLE	Ø .010	MATERIAL INCORPORATED			
2. P. HOLE	Ø .015 ± .05	UNLESS OTHERWISE SPECIFIED			
3. P. HOLE	Ø .138	COUNTRY OF ORIGIN: U.S.A.			
DRAWN BY: [blank] DATE: 1/3/97		PART NO.		DWG. NO.	
CHECKED BY: [blank]		SHEET COUNT		SD-41572	
DATE: 1/3/97	SCALE: 1:1	S41572X1		THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE COMPANY	
APP. LEND. Z	SCALE: 1:1	S41572X1		DATE: 1/3/97	