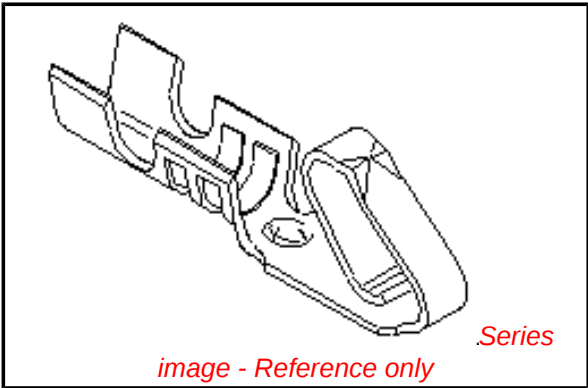


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0008650805  
**Status:** Active  
**Overview:** kk  
**Description:** KK® Cat Ear Crimp Terminal 41572, Bag Tin (Sn)

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

|                                    |                      |
|------------------------------------|----------------------|
| <b>General</b>                     |                      |
| Product Family                     | Crimp Terminals      |
| Series                             | 41572                |
| Crimp Quality Equipment            | Yes                  |
| Overview                           | kk                   |
| Product Name                       | Cat Ear, KK®         |
| <b>Physical</b>                    |                      |
| Gender                             | Female               |
| Material - Metal                   | Phosphor Bronze      |
| Material - Plating Mating          | Tin                  |
| Material - Plating Termination     | Tin                  |
| Packaging Type                     | Bag                  |
| 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                  |
| <b>Material Info</b>               |                      |
| Old Part Number                    | 41572-A(P909)L       |
| <b>Reference - Drawing Numbers</b> |                      |
| Packaging Specification            | PK-2759-001          |
| 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**



**Need more information on product environmental compliance?**  
Email [productcompliance@molex.com](mailto: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.*

|                    |                  |
|--------------------|------------------|
| <b>Global</b>      |                  |
| <b>Description</b> | <b>Product #</b> |
| Extraction Tool    | 0011030022       |
| Insertion Tool     | 0638120000       |
| Hand Crimp Tool    | 0638118200       |

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. The center-to-center distance between the holes is dimensioned as (5.1) .20 TYP. The diameter of each hole is dimensioned as (1.8) .07 DIA. TYP.

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 horizontal dimension:  $(.64)$
- Bottom 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 (from left to right):
  - Feature 1:  $(2.03)$   $.080$
  - Feature 2:  $(1.17)$   $.046$
  - Feature 3:  $(1.52)$   $.060$
- Bottom surface features (from left to right):
  - Feature 4:  $(1.52)$   $.060$
  - Feature 5:  $(1.17)$   $.046$
  - Feature 6:  $(2.03)$   $.080$

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

SECTION A-A  
BACKGROUND OMITTED

(2, .0)

.08

(.8)

.03 IR

1.9

.075

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<br>UCP2004-1891<br>4-6-04 SCHAFFER |
|---|-----------------------------------------------------|

|   |                                            |
|---|--------------------------------------------|
| C | ADD TO CAD<br>ECR U30423<br>3-19-93 SAMIEC |
|---|--------------------------------------------|

|      |  |  |     |      |      |           |
|------|--|--|-----|------|------|-----------|
| MFG. |  |  | SH. | REV. | LTR. | REVISIONS |
|------|--|--|-----|------|------|-----------|

|                                       |  |                                                                                                                                   |  |                           |  |                  |  |
|---------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|------------------|--|
| DIMENSIONS SHOWN METRIC INCH          |  | REV. NO.                                                                                                                          |  | REV. DATE                 |  | REVISIONS        |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |  | = 0                                                                                                                               |  | REVISE ONLY ON CAD SYSTEM |  |                  |  |
| INCH METRIC                           |  | TITLE                                                                                                                             |  |                           |  |                  |  |
| 1 INCH = 25.4 MM                      |  | CRIMP TERMINAL                                                                                                                    |  |                           |  |                  |  |
| 2 INCH = 50.8 MM                      |  | 22-30 GA WIRE                                                                                                                     |  |                           |  |                  |  |
| 3 INCH = 76.2 MM                      |  | SAME AS 6459 EXCEPT CAT FAR                                                                                                       |  |                           |  |                  |  |
| 4 INCH = 101.6 MM                     |  | MATERIAL                                                                                                                          |  | SHEET NO.                 |  | DATE             |  |
| 5 INCH = 127.0 MM                     |  | MOLEX INC.                                                                                                                        |  | 1 OF 1                    |  | 3/19/93          |  |
| 6 INCH = 152.4 MM                     |  | CABLE INCH                                                                                                                        |  | DINCH NO.                 |  |                  |  |
| 7 INCH = 177.8 MM                     |  | PART NO.                                                                                                                          |  | SD-4512                   |  |                  |  |
| 8 INCH = 203.2 MM                     |  | DRAWN: SMC                                                                                                                        |  | CHECKED: PATL             |  |                  |  |
| 9 INCH = 228.6 MM                     |  | APP. LAMIZ                                                                                                                        |  | SCALE =                   |  |                  |  |
| 10 INCH = 254.0 MM                    |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND IS NOT TO BE USED WITHOUT THE WRITTEN PERMISSION OF MOLEX INC. |  |                           |  | DRAWN BY: SMC    |  |
| 11 INCH = 279.4 MM                    |  | 541521X1                                                                                                                          |  |                           |  | CHECKED BY: PATL |  |

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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