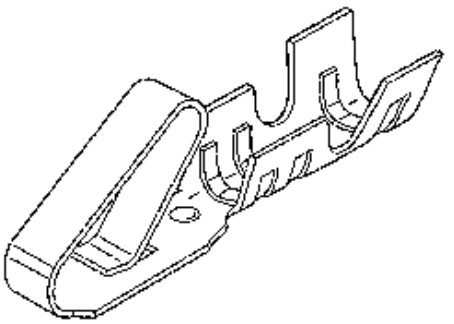
This document was generated on 05/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0008650814
Status: Active
Overview: kk
Description: KK® Crimp Terminal 6459, 22-30 AWG, Bag, Phosphor Bronze Gold (Au)



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-10-07 (PDF)

General

Product Family	Crimp Terminals
Series	6459
Crimp Quality Equipment	Yes
Overview	kk
Product Name	KK®

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Packaging Type	Bag
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
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	6459-(550)L

Reference - Drawing Numbers

Packaging Specification	PK-2759-001
Product Specification	PS-10-07
Sales Drawing	SD-6459

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
6459Series

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.

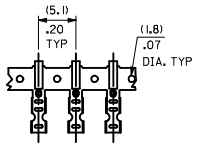
Global

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

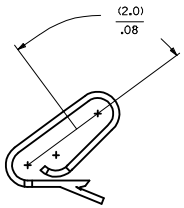
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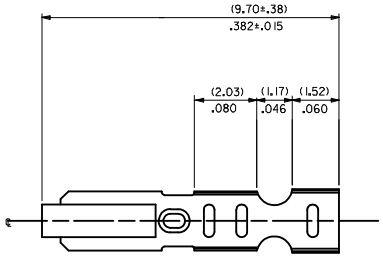
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

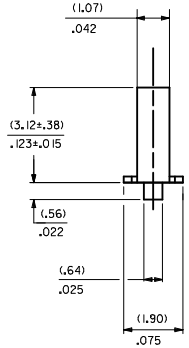
CARRIER VIEW

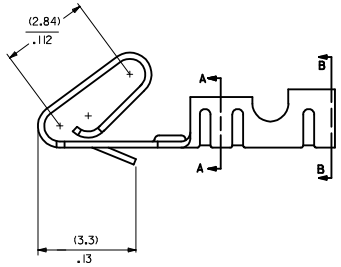


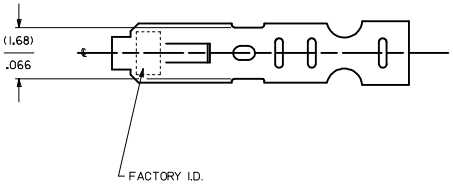
SELECT GOLD LOCATION

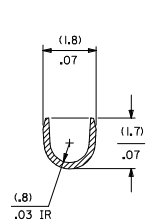




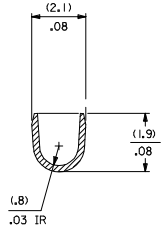








SECTION A-A
BACKGROUND OMITTED

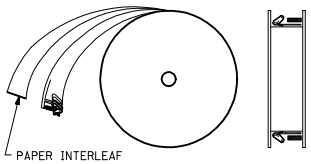


SECTION B-B
BACKGROUND OMITTED

NOTES:
1. MATERIAL:
   (0.203±0.010)/.0080±.0004 THICK PHOS BRONZE
2. FINISH:
   122 - OVERALL TIN: (0.00381)/.000150 MIN. TIN OVER
   (0.00076)/.000030 MIN NICKEL
   224 - OVERALL TIN: (0.00508)/.000200 MIN. TIN OVER
   (0.00127)/.000050 MIN NICKEL
   231 - SELECT GOLD: (0.00076)/.000030 MIN.
   SELECT TIN. (0.00254)/.000100 MIN.
   OVERALL NICKEL UNDERPLATE. (0.00127)/.000050 MIN.
   *P909 - OVERALL HOT TIN DIP: (0.00254)/.000100 MIN.
   550 - SELECT GOLD: (0.00038)/.000015 MIN.
   OVERALL GOLD FLASH: (0.00005)/.000002 MIN.
   OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
   555- SELECT GOLD (0.00038)/.000015 MIN.
   OVERALL NICKEL UNDERPLATE (0.00076)/.000030
   558 - SELECT GOLD (0.00076)/.000030 MIN.
   OVERALL GOLD FLASH. (0.00005)/.000002 MIN.
   OVERALL NICKEL UNDERPLATE. (0.00127)/.000050 MIN.
   561- SELECT GOLD (0.00076)/.000030 MIN.
   OVERALL NICKEL UNDERPLATE: (0.00127)/.000050
   *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.
3. PRODUCT SPEC: PS-10-07
4. PACKAGING SPECIFICATION: NONE
5. CRIMP IS FOR 22-30 GA WIRE WITH (1.57)/.062 DIA INSULATION MAX.
6. INSERTION FORCE OF TERMINAL INTO (2.54)/.100 CENTERLINE CONNECTOR IS 2.5 LBS. MAX
7. TERMINALS WILL RETAIN 8 LBS PULL FOR 1 MIN. IN A (2.54)/.100 CENTERLINE HOUSING.
8. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002

6459-(***)*
- FORM
  L=LOOSE
  A=CHAIN PER DETAIL A
- PLATING
  SEE NOTE 2

WINDING DETAIL A



CORRECT MATERIAL
EC NO: UCP2009-0674 2008/09/18
DRWN:MKIPPER 2008/09/29
CHKD:SSOUSEK 2008/09/29
APPR:FSMITH 2008/09/29
DESCRIPTION
REV D

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	IN/MM
SCALE	---
DESIGN UNITS	INCH
	THIRD ANGLE PROJECTION
DRAWN BY	SAMIEC
DATE	01/21/92
CHECKED BY	PATEL
DATE	01/21/92
APPROVED BY	LENZ
DATE	01/21/92
MATERIAL NO.	SEE CHART
TITLE	CRIMP TERMINAL 22-30 GA WIRE SAME AS 2759 EXCEPT MATL
	MOLEX INCORPORATED
DOCUMENT NO.	SD-6459
SHEET NO.	1 OF 2
SIZE	D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

6459-(***)*

PART NO.		ENG. NO.
08-52-0101	*	6459-(P909)
08-52-0123	*	6459-(P909)L
08-65-0801		6459-(561)
		6459-(561)L
08-52-0118		6459-(224)
		6459-(224)L
08-52-0121		6459-(122)
08-52-0122		6459-(122)L
08-65-0811		6459-(558)
08-65-0812		6459-(558)L
08-65-0815	*	6459-(555)
08-65-0816	*	6459-(555)L
08-65-0813	*	6459-(550)
08-65-0814	*	6459-(550)L
08-65-0817		6459-(231)
08-65-0818		6459-(231)L

PART NO.	ENG. NO.

PART NO.	ENG. NO.

PART NO.	ENG. NO.

PART NO.	ENG. NO.

REMOVE 6459-(999)
EC NO: UCP2008-2190 2008/03/17
DRWN:ADERR 2008/03/18
CHKD:SCHMIDT 2008/03/24
APPR:FSMITH
DESCRIPTION
C1
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .010
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	SAMIEC	DATE 01/21/92
CHECKED BY	PATEL	DATE 01/21/92
APPROVED BY	LENZ	DATE 01/21/92

TITLE
CRIMP TERMINAL
22-30 GA WIRE
SAME AS 2759 EXCEPT MATL

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DOCUMENT NO. SD-6459
SHEET NO. 2 OF 2
SIZE D

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