

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008650813

Status:

Active

Overview:

kk

Description:

KK® Crimp Terminal 6459, 22-30 AWG, Reel, Phosphor Bronze Gold (Au)

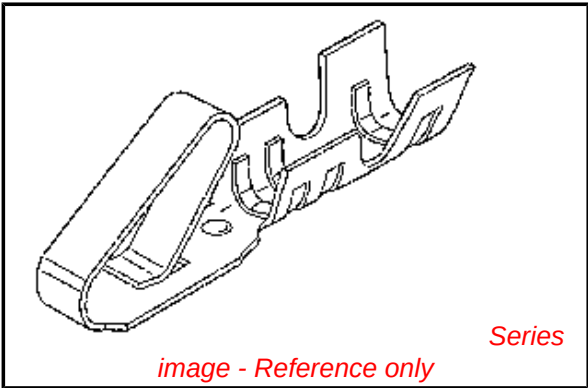
Documents:

Drawing (PDF)

Product Specification PS-10-07 (PDF)

RoHS Certificate of Compliance (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	Reel
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)
Reference - Drawing Numbers	
Product Specification	PS-10-07
Sales Drawing	SD-6459



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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.

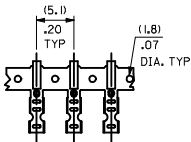
Global	
Description	Product #
Mini-Mac™	0638882100
Applicator, Use with Small Wire Insulation Diameter	
Mini-Mac™	0638882000
Applicator, Use with Large Wire Insulation Diameter	
Extraction Tool	0011030022
Terminator Die	0011402265
Insertion Tool	0638120000

This document was generated on 05/20/2010

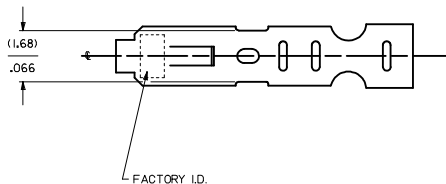
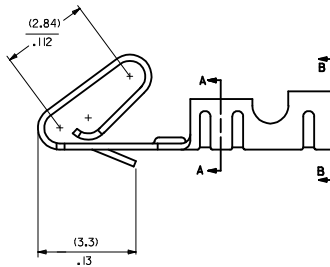
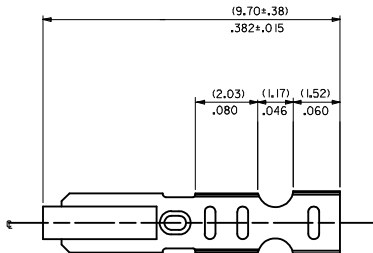
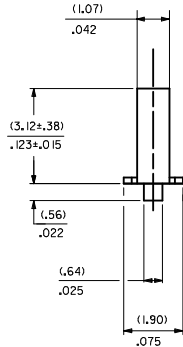
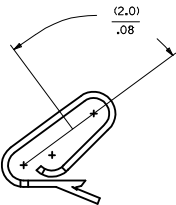
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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

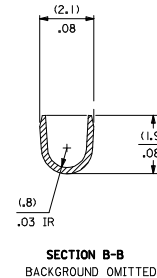
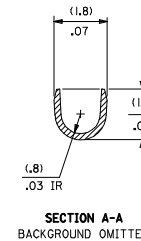
CARRIER VIEW



SELECT GOLD LOCATION

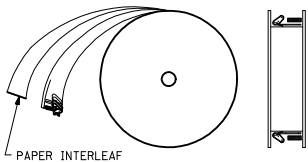


- NOTES
1. MATERIAL:
(0.203+0.010)/.0080+.0004 THICK PHOS BRONZE
 2. FINISH:
122 - OVERALL TIN: (0.00381)/.000150 MIN. TIN OVER
(0.00076)/.000030 MIN NICKEL
224 - OVERALL TIN: (0.00508)/.000200 MIN. TIN OVER
(0.00127)/.000050 MIN NICKEL
231 - SELECT GOLD: (0.00076)/.000030 MIN.
SELECT TIN: (0.00254)/.000100 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 MIN.
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 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.
 3. PRODUCT SPEC: PS-10-07
 4. PACKAGING SPECIFICATION: NONE
 5. CRIMP IS FOR 22-30 GA WIRE WITH (157)/.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=L.OOSE
A=CHAIN PER DETAIL A
PLATING
SEE NOTE 2

WINDING DETAIL A



CORRECT MATERIAL		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO: UCP2009-0674		DRAWN BY: 2008/09/18		mm		IN/MM		---		INCH		☉	
DRWN:KIPER		CHECKED BY: 2008/09/19		4 PLACES ± ---		DRAWN BY: 01/21/92		DATE		TITLE		CRIMP TERMINAL	
CHKD:SSOUSEK		APPR:FSM TH		3 PLACES ± ---		CHECKED BY: 01/21/92		DATE		PATEL		22-30 GA WIRE	
				2 PLACES ± 0.13		APPROVED BY: 01/21/92		DATE		ENZ		SAME AS 2759 EXCEPT MATL	
				1 PLACE ± 0.25		MATERIAL NO.		DOCUMENT NO.		SD-6459		MOLEX INCORPORATED	
				ANGULAR ± 1/2°		SIZE		1 OF 2					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART							

[illegible]