

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008650815

Status:

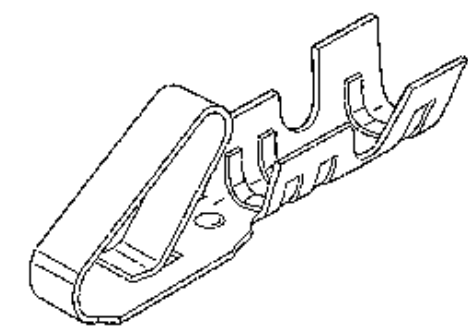
Active

Overview:

kk

Description:

KK® Crimp Terminal 6459, 22-30 AWG, Reel, Phosphor Bronze Selective 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
Packaging Type	Reel
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
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-(555)

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

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.

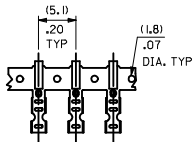
Global	
Description	Product #
Mini-Mac™	0638882100
Applicator, Use with Small Wire Insulation Diameter	
Mini-Mac™	0638882000
Applicator, Use with Large Wire Insulation Diameter	
Extraction Tool	0011030022
Terminator Die	0011402265
Insertion Tool	0638120000

This document was generated on 05/17/2010

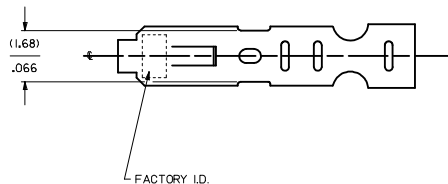
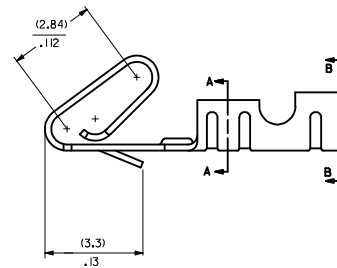
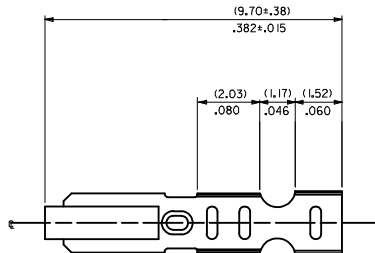
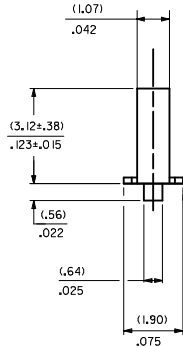
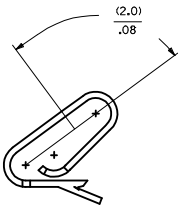
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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

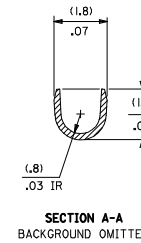
CARRIER VIEW



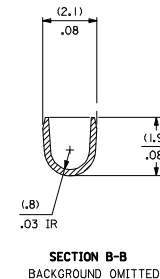
SELECT GOLD LOCATION



- 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



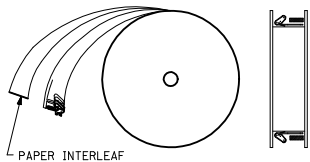
SECTION A-A
BACKGROUND OMITTED



SECTION B-B
BACKGROUND OMITTED

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

WINDING DETAIL A



CORRECT MATERIAL IEC NO: UCP2009-0674 DRWN:KIPER 2008/09/18 CHKD:SSOUSEK 2008/09/18 APPR:FSM TH 2008/09/18		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
		▽=0				IN/MM		---		INCH		⊙ ⊞ THIRD ANGLE PROJECTION	
		▽=0											
				mm INCH		DRAWN BY DATE		TITLE					
				4 PLACES ± ±		SAMIEC 01/21/92		CRIMP TERMINAL					
				3 PLACES ± ± .005		CHECKED BY DATE		22-30 GA WIRE					
				2 PLACES ± 0.13 ± .010		PATEL 01/21/92		SAME AS 2759 EXCEPT MATL					
				1 PLACE ± 0.25 ±		APPROVED BY DATE		MOLEX INCORPORATED					
				ANGULAR ± 1/2°		LENZ 01/21/92		MOLEX INCORPORATED					
						MATERIAL NO.		DOCUMENT NO.					
						SEE CHART		SD-6459					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						D		SHEET NO. 1 OF 2					

	20	19	18		17	16	15	14		13	12	11		10	9	8		7	6	5	4		3	2	1		
M	6459-(****)* PART NO.ENG. NO.			PART NO.ENG. NO.			PART NO.ENG. NO.			PART NO.ENG. NO.			PART NO.ENG. NO.														
	08-52-0101	• 6459-(P909)																									
	08-52-0123	• 6459-(P909)L																									
	08-65-0801	6459-(56 I)																									
		6459-(56 I)L																									
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)																									
K	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-(23 I)																									
J	08-65-0818	6459-(23 I)L																									