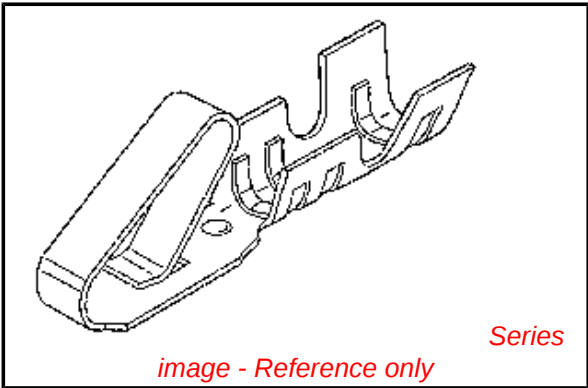


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0008520123](#)
Status: **Active**
Overview: [kk](#)
Description: KK® Crimp Terminal 6459, 22-30 AWG, Bag, Phosphor Bronze Tin (Sn)

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	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
Material Info	
Old Part Number	6459-(P909)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



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.

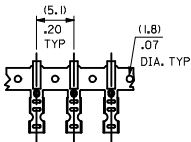
Search Parts in this Series
[6459Series](#)

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Hand Crimp Tool	0638118200
Extraction Tool	0011030022
Insertion Tool	0638120000

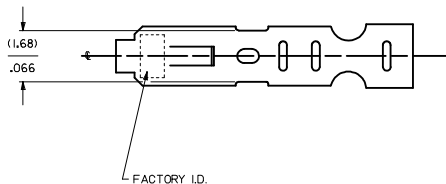
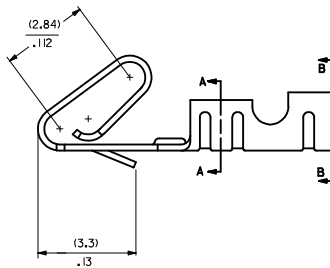
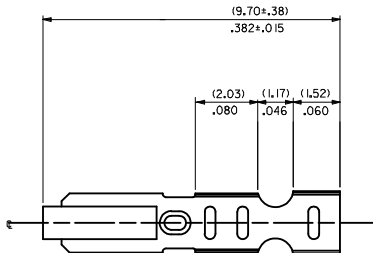
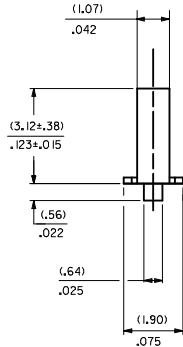
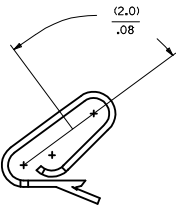
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

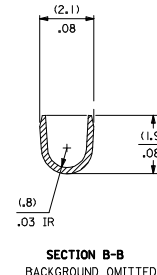
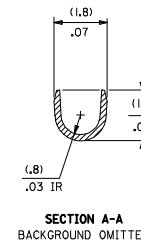
CARRIER VIEW



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

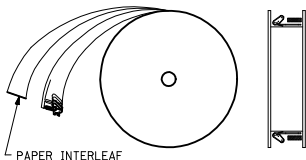


6459-(***)*

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 INCH		IN/MM		---		INCH		THIRD ANGLE PROJECTION	
DRWN:KIPER		CHECKED BY: 2008/09/19		4 PLACES ± --- ± ---		DRAWN BY: 01/21/92		DATE		DATE		TITLE	
CHKD:SSOUSEK		APPR:FSM TH		3 PLACES ± --- ± .005		CHECKED BY: 01/21/92		DATE		DATE		CRIMP TERMINAL	
				2 PLACES ± 0.13 ± .010		APPROVED BY: 01/21/92		DATE		DATE		22-30 GA WIRE	
				1 PLACE ± 0.25 ± ---		ENZ		01/21/92		MOLEX		SAME AS 2759 EXCEPT MATL	
				ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SD-6459		MOLEX INCORPORATED	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		SEE CHART		SHEET NO.		1 OF 2	

ib_frame_D_P_ME_T
Rev. E 2006/04/15