

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008520132

Status:

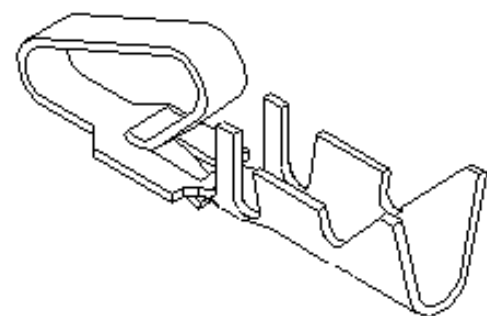
Active

Overview:

kk

Description:

KK® Crimp Terminal 8818, 18-22 AWG, Bag, Phosphor Bronze Tin (Sn)



Series

image - Reference only

- Documents:
- Drawing (PDF)

Product Specification PS-08-50 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

8818

Yes

kk

KK®

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Female

Phosphor Bronze

Tin

Tin

Bag

100

2.50

100

2.50

Crimp or Compression

2.41mm (.095") max.

18, 20, 22

N/A

Material Info

Old Part Number

8818-A(P909)L

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-2759-001

PS-08-50

SD-8818

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

8818Series

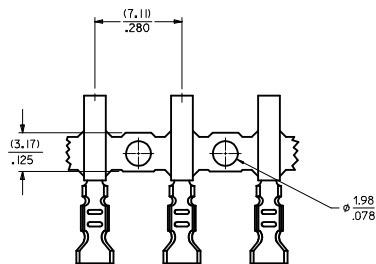
Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

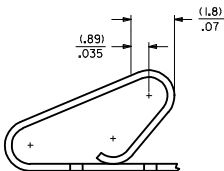
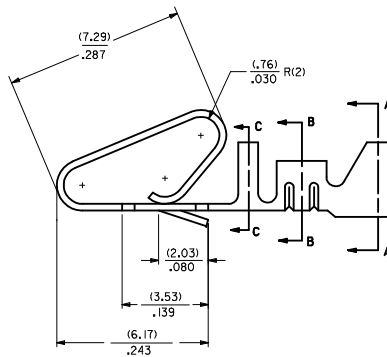
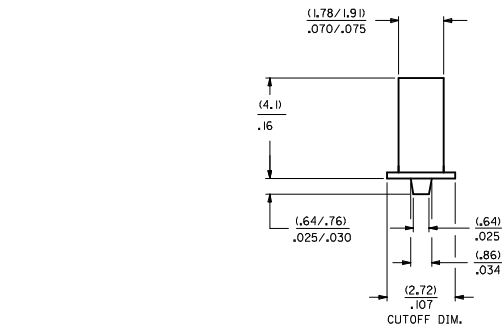
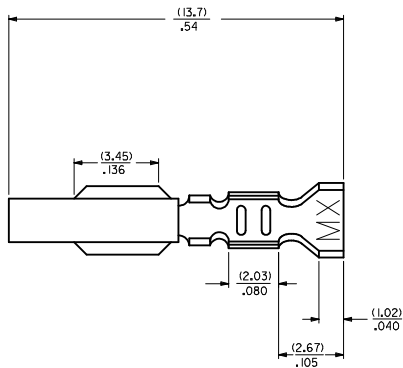
Global

Description	Product #
Hand Crimper	0638117500

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CHAIN FORM
SCALE 5:1



POST-PLATED SELECT GOLD LOCATION

LEGEND

8818-*(*)*

MATERIAL
(.27)/.0106 THK.
BLANK= BRASS
A= PHOS BRONZE

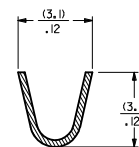
OPTION CODE
BLANK=AS SHOWN

WINDING SPEC
BLANK= PER ES-339-B
L=LOOSE

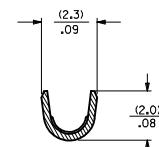
PLATING
SEE NOTE 2

EDP NO.	ENGINEERING NO.
08-56-0187	8818-(501)
08-56-0188	8818-(501L)
	8818-(555)
	8818-(555)L
08-50-0008	8818-(P909)
08-50-0023	8818-(P909)L
40-01-1181	8818-(999)
08-50-0705	8818-A(102)
08-50-0706	8818-A(102)L
08-65-0128	8818-A(555)
08-65-0129	8818-A(555)L
08-52-0131	8818-A(P909)
08-52-0132	8818-A(P909)L
08-58-0135	8818-A(550)
08-58-0136	8818-A(550)L

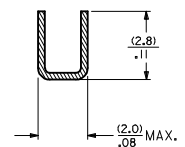
- NOTES:
- MATERIAL: SEE LEGEND
 - FINISH:
 - (P909) OVERALL HOT TIN DIP: (0.00254)/.000100 MIN.
 - (550) SELECT GOLD: (0.00038)/.000015 MIN.
 - OVERALL GOLD FLASH: (0.00005)/.000002 MIN.
 - OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
 - (555) SELECT GOLD: (0.00038)/.000015 MIN.
 - OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
 - PRODUCT SPECIFICATION: PS-08-50
 - PACKAGING SPECIFICATION: NONE
 - CRIMP ACCEPTS 18-22 GA. WIRE WITH (2.79)/.110 MAX. INSULATION DIA.
 - DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
 - TERMINAL FOR USE IN 41695 AND 6345 HOUSINGS.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



SECTION A-A



SECTION B-B



SECTION C-C

ADD CHAIN VIEW IEC NO: LCP2009-2843 DRAWN BY: DRWNK/PER 2009/05/27 CHECKED BY: CHYK/SSOUSEK 2009/05/28 APPROVED BY: APPR/FSM TH 2009/05/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- ANGULAR ±1/2°	mm INCH	MM/IN	---	INCH	CRIMP STYLE KK TYPE, .156 CENTERS W/ANTIFISHOOKING FEATURE MOLEX INCORPORATED
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: JJS DATE: 02/02/193 CHECKED BY: PATEL DATE: 02/02/193 APPROVED BY: LENZ DATE: 02/02/193	MATERIAL NO. SEE CHART SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SHEET NO. 1 OF 1 DOCUMENT NO. SD-8818		