

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008580135

Status:

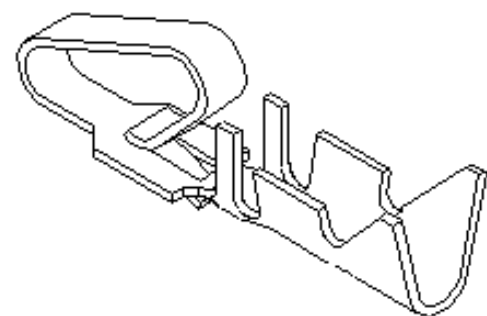
Active

Overview:

kk

Description:

KK® Crimp Terminal 8818, 18-22 AWG, Reel, Phosphor Bronze Selective Gold (Au)



Series

image - Reference only

- Documents:
- Drawing (PDF)

Product Specification PS-08-50 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	8818
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)	0.375
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.41mm (.095") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	N/A
Material Info	
Old Part Number	8818-A(550)
Reference - Drawing Numbers	
Product Specification	PS-08-50
Sales Drawing	SD-8818

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

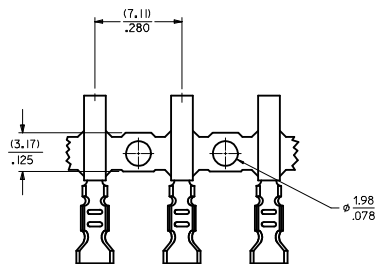
8818Series

Application Tooling | FAQ

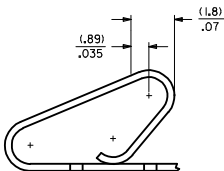
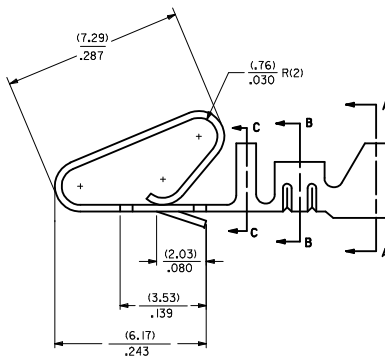
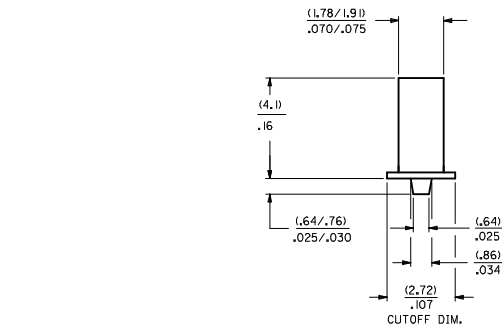
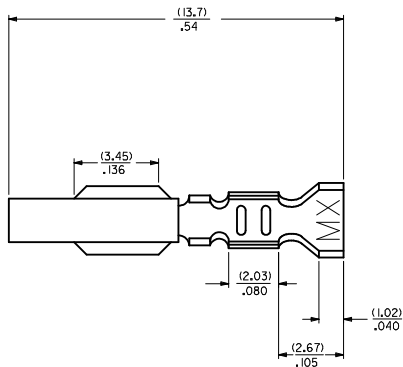
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Mini-Mac™	0638881100
Applicator	
Hand Crimper	0638117500

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CHAIN FORM
SCALE 5:1



POST-PLATED SELECT GOLD LOCATION

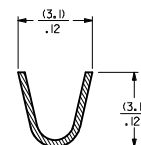
LEGEND

8818-*(*)*
MATERIAL
(.27)/.0106 THK.
BLANK= BRASS
A= PHOS BRONZE
OPTION CODE
BLANK=AS SHOWN

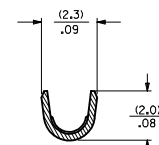
WINDING SPEC
BLANK= PER ES-339-B
L=LOOSE
PLATING
SEE NOTE 2

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

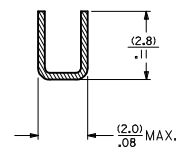
- NOTES:
- MATERIAL: SEE LEGEND
 - FINISH:
 - (P909) OVERALL HOT TIN DIP: (0.00254)/.000100 MIN.
 - (550) SELECT GOLD: (0.00038)/.000015 MIN.
 - OVERALL GOLD FLASH: (0.00005)/.000002 MIN.
 - OVERALL NICKEL UNDERPLATE: (0.00076)/.000030 MIN.
 - (555) SELECT GOLD: (0.00038)/.000015 MIN.
 - OVERALL NICKEL 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: CHYKSS/USEK 2009/05/28 APPROVED BY: APPR/FSM/TH 2009/05/28		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th><th>mm</th><th>INCH</th></tr> <tr> <td>4 PLACES ±</td><td>---</td><td>±---</td></tr> <tr> <td>3 PLACES ±</td><td>---</td><td>±.010</td></tr> <tr> <td>2 PLACES ±</td><td>0.25</td><td>±.014</td></tr> <tr> <td>1 PLACE ±</td><td>0.36</td><td>±---</td></tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES ±	---	±---	3 PLACES ±	---	±.010	2 PLACES ±	0.25	±.014	1 PLACE ±	0.36	±---	DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	mm	INCH																				
4 PLACES ±	---	±---																				
3 PLACES ±	---	±.010																				
2 PLACES ±	0.25	±.014																				
1 PLACE ±	0.36	±---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DATE 02/02/193		TITLE CRIMP STYLE KK TYPE, .156 CENTERS W/ANTIFISHOOKING FEATURE																
SIZE D		MOLEX INCORPORATED		SHEET NO. 1 OF 1		DOCUMENT NO. SD-8818																