

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008650129

Status:

Active

Overview:

kk

Description:

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

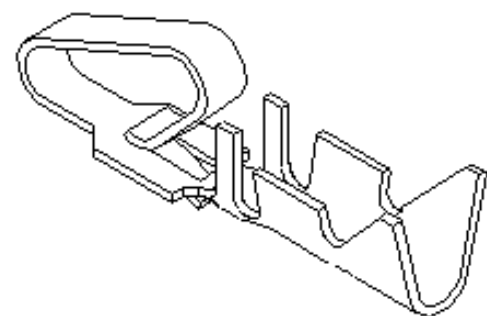


image - Reference only Series

- 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	Nickel
Packaging Type	Bag
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	30
Plating min: Termination (µm)	0.75
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(555)L
Reference - Drawing Numbers	
Packaging Specification	PK-2759-001
Product Specification	PS-08-50
Sales Drawing	SD-8818

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

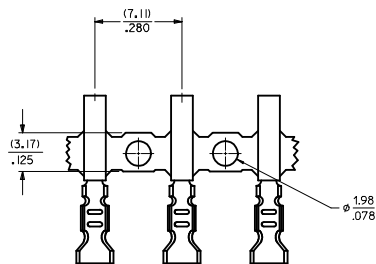
Application Tooling | FAQ

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

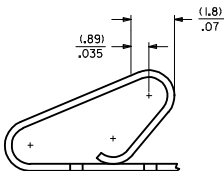
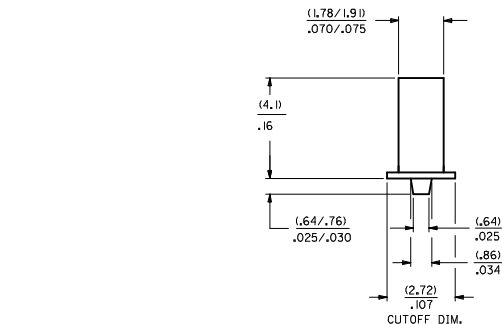
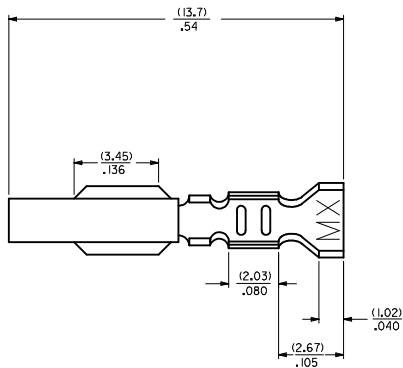
Global

Description	Product #
Hand Crimper	0638117500

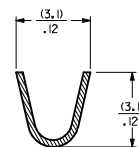
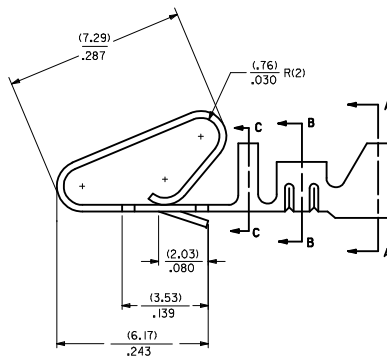
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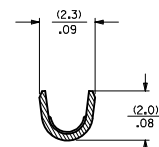
CHAIN FORM
SCALE 5:1



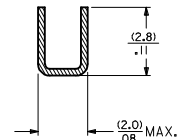
POST-PLATED SELECT GOLD LOCATION



SECTION A-A



SECTION B-B



SECTION C-C

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

- NOTES:
1. MATERIAL: SEE LEGEND
 2. 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.
 3. PRODUCT SPECIFICATION: PS-08-50
 4. PACKAGING SPECIFICATION: NONE
 5. CRIMP ACCEPTS 18-22 GA. WIRE WITH (2.79)/.110 MAX. INSULATION DIA.
 6. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
 7. TERMINAL FOR USE IN 41695 AND 6345 HOUSINGS.
 8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

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)
40-01-1182	8818-A(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

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	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 CHECKED BY: PATEL APPROVED BY: LENZ DATE: 02/02/193	MATERIAL NO. SEE CHART SIZE D	DATE: 02/02/193 DOCUMENT NO. SD-8818	SHEET NO. 1 OF 1	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					