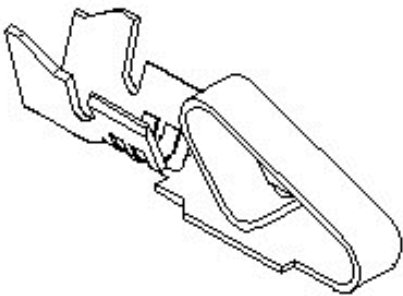


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0008580122](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK® Crimp Terminal 2478, 18-24 AWG, Bag, Phosphor Bronze, 0.51µm (20µ") Selective Gold (Au)

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-08-50 \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	2478
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	Bag
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	2.79mm (.110") max.
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A
Material Info	
Old Part Number	2478-3-(550)L
Reference - Drawing Numbers	
Packaging Specification	PK-2759-001
Product Specification	PS-08-50
Sales Drawing	SD-2478



Series

image - Reference only

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
[2478Series](#)

Use With
[2574](#) , [2139](#) , [41695](#) , [3069](#) , [6422](#) , [5265](#) , [5239](#)

Application Tooling | FAQ

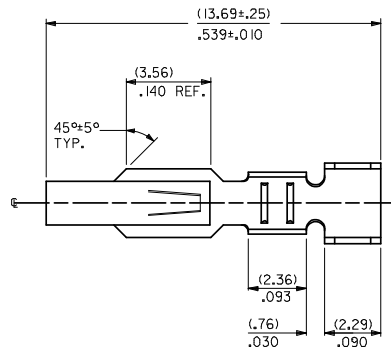
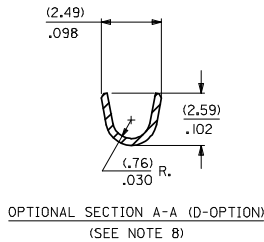
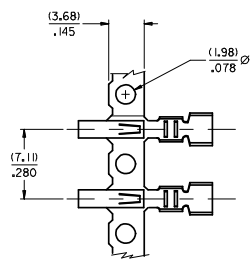
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Hand Crimper	0638117500
Extraction Tool	0011030016

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



MATERIAL CODE
(.27)/.0106 THK
1=BRASS
3=PHOS BRONZE

2478- * - * - *

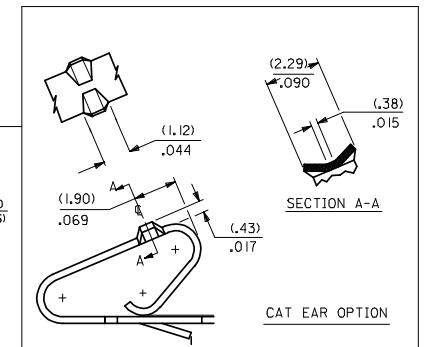
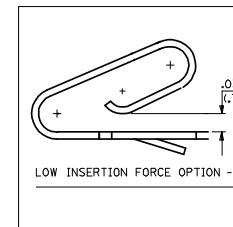
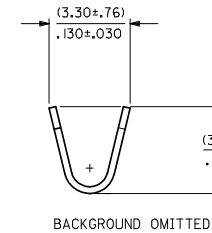
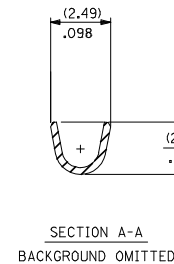
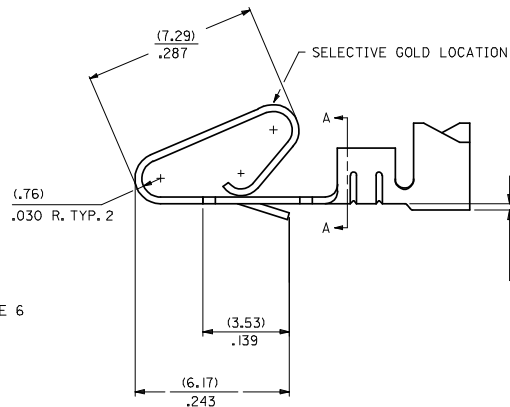
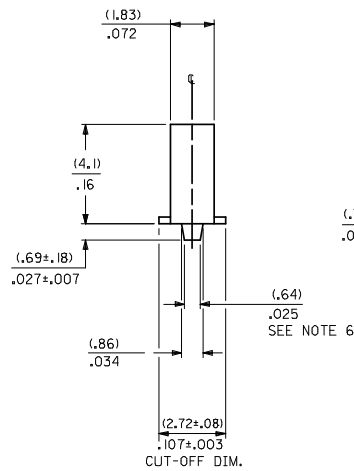
WINDING SPEC.
A=PER ES-339-A
BLANK=PER ES-339-B
L=LOOSE

OPTION CODE

BLANK=AS SHOWN
C=CAT EAR OPTION
D=OPTIONAL CONDUCTOR
CRIMP (FOR IRELAND)
(SEE OPT. SECTION A-A)
WITHOUT CAT EARS
E=LOW INSERTION
FORCE OPTION

FINISH: PER SDES-88
(P909) *OVERALL HOT TIN DIP: 2.54 MICROMETERS MIN.
(550) SELECT GOLD: 0.38 MICROMETERS MIN.
OVERALL GOLD FLASH: 0.05 MICROMETERS MIN.
OVERALL NICKEL UNDERPLATE: 0.76 MICROMETERS MIN.
(555) SELECT GOLD: 0.38 MICROMETERS MIN.
OVERALL NICKEL UNDERPLATE: 0.76 MICROMETERS 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.



NOTES:

1. CRIMP ACCEPTS 18 TO 24 GA. WIRE WITH (2.79)/.110 MAX. INSUL. DIA.; WHEN USED WITH 2574 CONNECTOR, (2.54)/.100 MAX. INSUL. DIA. WHEN USED WITH 2139 CONNECTOR; HOUSING 41695 IS RECOMMENDED FOR OVER (2.54)/.100 DIA. INSULATION. CRIMP ACCEPTS (3.00)/.118 MAX. INSUL. DIA. WITH SPECIAL TOOLING.
2. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
- 3.
6. (.86±.05)/.034±.002 IS AN OPTIONAL DESIGN.
7. THIS PART CONFORMS TO PRODUCT SPEC. 08-50.
8. CONDUCTOR CRIMP FOR 16 AWG. WIRE WITH .110 MAX. INSULATION DIA.

CHANGE TO ME10 EC NO: UCP2005-0902 DRAWN BY: DRWADATINOL 2004/11/16 CHKD BY: SAMIEC 2006/03/12/16 APPROVED BY: MARGULIS 2004/11/02/18	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
				IN/MM			INCH		
				DRAWN BY		DATE	TITLE		
				SAMI EC		06/03/86	CRIMP TERMINAL .156 CENTERS 18 TO 24 GA WIRE		
REV	DESCRIPTION	4 PLACES ±.005		3 PLACES ±.010		2 PLACES ±.014		1 PLACE ±.036	
		ANGULAR ±1/2°		APPROVED BY		DATE	MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		LENZ		06/03/86	DOCUMENT NO. SD-2478		SHEET NO. 1 OF 2
				MATERIAL NO.		SEE CHART			
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

