

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0008500105](#)
Status: **Active**
Overview: [kk](#)
Description: 3.96mm (.156") Pitch KK@ Crimp Terminal 2478, 18-24 AWG, Reel, Brass Tin (Sn)

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

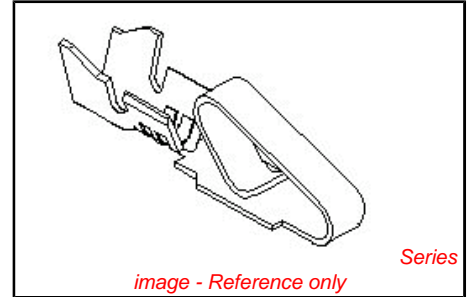
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.50
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.50
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.79mm (.110") max.
Wire Size AWG	18, 20, 22, 24
Wire Size mm ²	N/A

Material Info

Old Part Number	2478-1(P909)
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Reference - Drawing Numbers

Product Specification	PS-08-50
Sales Drawing	SD-2478



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.

China RoHS



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 #
Extraction Tool	0011030016
Terminator Die	0011402096
FineAdjust™	0639007200
Applicator for KK@ and Trifurcon™	
Crimp Terminal	
FineAdjust for Mini-Fit Jr.™	0639007300
Crimp Terminals	

Special
cut-off tab width
for 2478 Series
terminals using the
7241 Series IDT
housing only. 2478
Series terminals
are not rated for
USCAR21 compliancy.

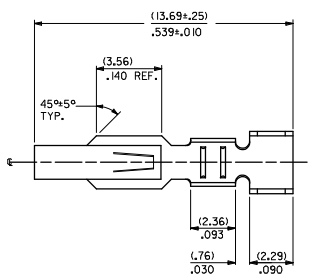
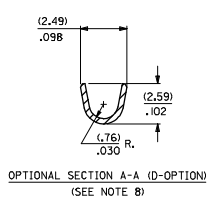
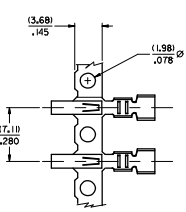
Japan

Description	Product #
Hand Extraction Tool	<u>0011260059</u>
Hand Extraction Tool	<u>0570926000</u>

This document was generated on 06/07/2010

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



2478- * - * - *

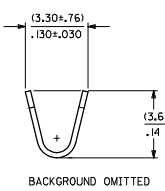
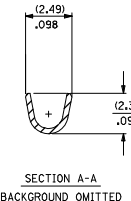
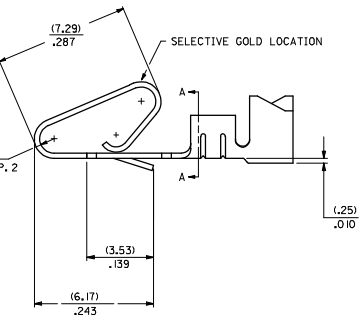
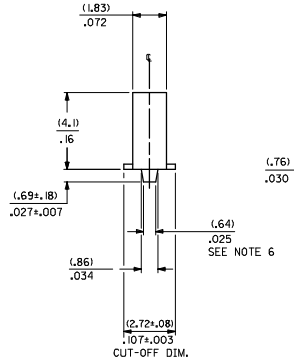
MATERIAL CODE
L=27/.0106 THK
1=BRASS
3=PHOS BRONZE

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

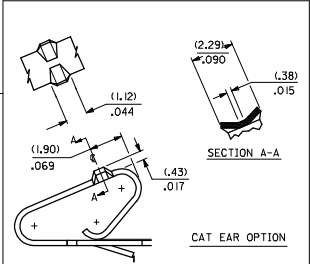
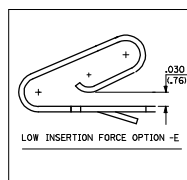
WINDING SPEC.
A=PER ES-339-A
BLANK=PER ES-339-B
L=LOOSE

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:
- 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.
 - DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
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 - (.86±.05)/.034±.002 IS AN OPTIONAL DESIGN.
 - THIS PART CONFORMS TO PRODUCT SPEC. 08-50.
 - CONDUCTOR CRIMP FOR 16 AWG. WIRE WITH .110 MAX. INSULATION DIA.



CHANGE TO MEMO E.C. NO. 10/2005-4602 W CHOKSANEK 2006/01/28 APPROVAL NO. 2006/01/28 DESIG. NO. 2006/01/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	4 PLACES ±--- INCH 3 PLACES ±--- ±.010 2 PLACES ±.025 ±.014 1 PLACE ±0.36 ±--- ANGULAR ±1/2°	IN/MM DRAWN BY DATE SAMIEC 06/03/86 CHECKED BY DATE PATEL 06/03/86 APPROVED BY DATE LENZ 06/03/86	IN/MM FILE CRIMP TERMINAL .156 CENTERS 18 TO 24 GA WIRE	INCH MOLEX INCORPORATED	SHEET NO. 1 OF 2
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO. SD-2478	DOCUMENT NO. SD-2478		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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

