

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008580125

Status:

Active

Overview:

kk

Description:

3.96mm (.156") Pitch KK® Crimp Terminal 2578, 22-26 AWG, Reel, Phosphor Bronze, 0.51µm (20µ") Selective Gold (Au)

Documents:

Drawing (PDF)

Product Specification PS-08-50 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	2578
Crimp Quality Equipment	Yes
Overview	kk
Product Name	KK®
Physical	
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Packaging Type	Reel
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.65mm (.065") max.
Wire Size AWG	22, 24, 26
Wire Size mm²	N/A
Material Info	
Old Part Number	2578-B-(550)
Reference - Drawing Numbers	
Product Specification	PS-08-50
Sales Drawing	SD-2578

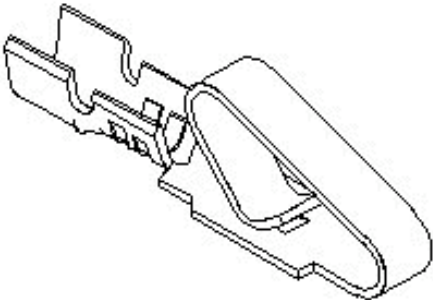


image - Reference only

Series

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

2578Series

Use With

2574 , 2139 , 41695 , 3069 , 6422 , 5265 , 5239

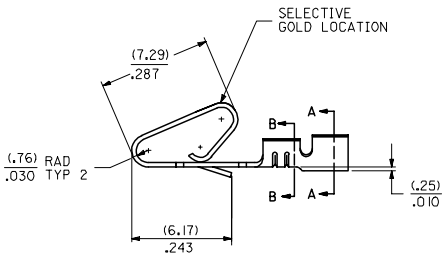
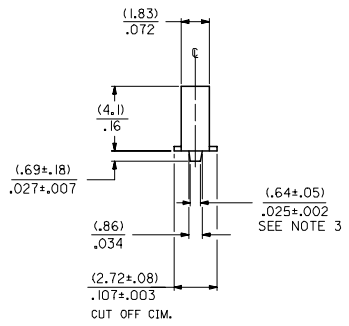
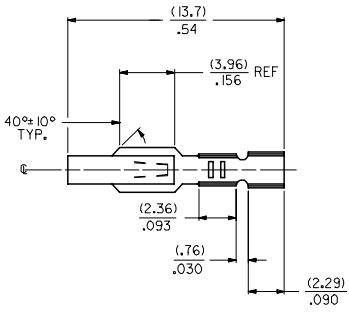
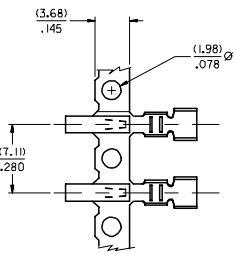
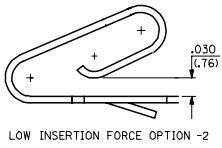
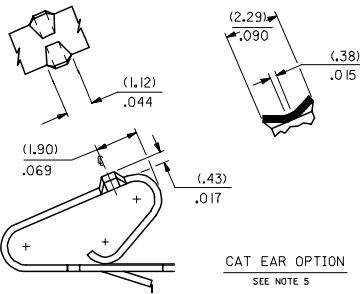
Application Tooling | FAQ

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 CRIMP TOOL	0638117400
Mini-Mac™	0638881000
Applicator	
Extraction Tool	0011030016
Terminator Die	0011402097

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- NOTES:
1. CRIMP ACCEPTS 22 TO 26 GA. WIRE WITH (.165)/.065 MAX INSULATION DIA.
 2. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
 3. OPTIONAL DESIGN (.86±.05)/.034±.002
 4. TERMINAL CONFORMS TO PRODUCT SPEC. 08-50.
 5. CAT EAR OPTION TO BE USED WITH 41695 HOUSING ONLY.

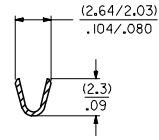
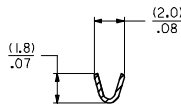
MATERIAL CODE
(.28)/.0106 THK
BLANK=BRASS
B=PHOS BRONZE

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

PLATING CODE
(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.

OPTIONS
BLANK=AS SHOWN
1=WITH CAT EARS
2=LOW INSERTION FORCE

*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.



ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2005-0928		DRAWN BY		mm		IN/MM		DATE		INCH		DATE	
DRAWN BY: PATEL		CHECKED BY		± .010		± .010		01/29/87		01/29/87		01/29/87	
CHKD BY: PATEL		APPROVED BY		± .025		± .014		DATE		DATE		DATE	
APPR: WARGULIS		LENZ		± .036		± .014		01/29/87		01/29/87		01/29/87	
REVISION		ANGULAR		± 1/2°		± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
W		DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-2578		SD-2578		1 OF 2	
		SIZE		D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	2578-(***)*			2578-B-(***)*			2578-B-2-(***)*														
	PART NO.		ENG. NO.	PART NO.		ENG. NO.	PART NO.		ENG. NO.	PART NO.		ENG. NO.	PART NO.		ENG. NO.	PART NO.		ENG. NO.	PART NO.		ENG. NO.
	08-50-0107		2578-(P909)	08-56-0121		2578-B-(501)				2578-B-2(P909)											
	08-50-0108		2578-(P909)L	08-56-0122		2578-B-(501)L				2578-B-2(P909)L											
	08-50-0111		2578-(I09)	08-50-0133		2578-B-(P909)				2578-B-2(555)											
	08-50-0112		2578-(I09)L	08-50-0134		2578-B-(P909)L				2578-B-2(555)L											
	08-56-0107		2578-(550)	08-65-0116		2578-B-(555)				2578-B-2(550)											
	08-56-0108		2578-(550)L	08-65-0117		2578-B-(555)L				2578-B-2(550)L											
	08-55-0105		2578-(555)	08-65-0108		2578-B-(591)															
	08-55-0106		2578-(555)L	08-65-0107		2578-B-(591)L															
	08-59-0101		2578-(I22)	08-60-0003		2578-B-(I22)															
			2578-(I22)L	08-60-0004		2578-B-(I22)L															
	1	08-56-0162	2578-(505)	08-65-0110		2578-B-(558)															
	1	08-56-0163	2578-(505)L	08-65-0111		2578-B-(558)L															
	08-50-0504		2578-(I28)	08-58-0125		2578-B-(550)															
			2578-(I28)L	08-58-0126		2578-B-(550)L															
	08-56-0161		2578-(503)																		
			2578-(503)L																		
	1	08-50-0061	2578-(I224)																		
	1	08-50-0062	2578-(I224)L																		
	1	08-50-0065	2578-(P224)																		
	1	08-50-0066	2578-(P224)L																		
	08-55-0137		2578-(558)A																		
			2578-(558)L																		
	08-50-0018		2578-(I02)																		
	08-50-0019		2578-(I02)L																		
	08-55-0121		2578-(561)																		
	08-55-0132		2578-(561)L																		
	08-55-0123		2578-(558)																		
			2578-(558)L																		
	08-65-0109		2578-(555)A																		
	08-52-0116		2578-(P909)																		
	08-52-0117		2578-(P9109)L																		
															</						