

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0002065147](#)
Status: **Active**
Overview: [standard_062](#)
Description: 1.57mm (.062") Diameter, Standard .062" Pin and Socket Crimp Terminal, Series 1855, Female, with Selective Gold (Au) Plated Brass Contact, 24-30 AWG, Reel

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	1855
Crimp Quality Equipment	Yes
Overview	standard_062
Product Name	Standard .062"
Physical	
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Packaging Type	Reel
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	50
Plating min: Termination (µm)	1.25
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.02-2.29mm (.040-.090")
Wire Size AWG	24, 26, 28, 30
Wire Size mm²	N/A
Material Info	
Old Part Number	1855-(228)
Reference - Drawing Numbers	
Sales Drawing	SD-1855-*

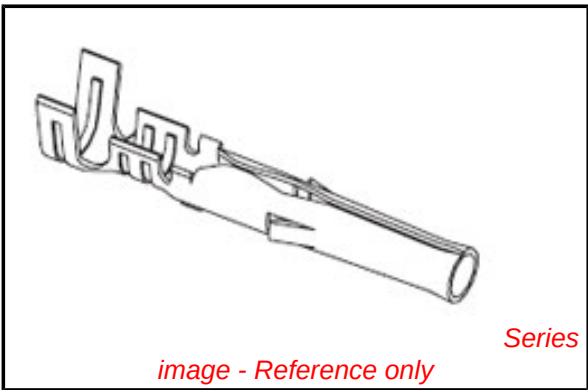


image - Reference only

Series

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.

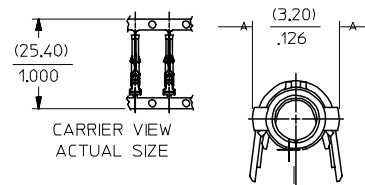
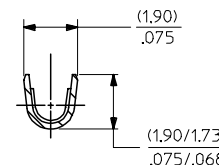
Search Parts in this Series 1855Series	
Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Mini-Mac™	0638914100
Applicator	
Hand Crimp Tool	0638190800
Manual Extraction Tool	0011030002
Terminator Die	0011402006
Hand Crimper - DISTRIBUTION ONLY	0638111000
Japan	
Description	Product #
Hand Insertion Tool	0011020001

This document was generated on 05/17/2010

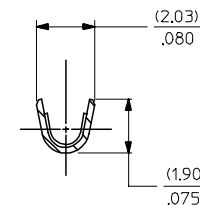
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PART NO. ENG. NO.

02-06-1131	1855-(P901)	
02-06-1132	1855-(P901)IL	
02-06-5137	1855-(P591)	OBSOLETE
02-06-5136	1855-(P591)IL	OBSOLETE
02-06-5138	1855-(P561)	
02-06-5139	1855-(P561)IL	
02-06-5130	1855-(P550)	
02-06-5135	1855-(P550)IL	
02-06-5147	1855-(P228)	
02-06-5148	1855-(P228)IL	
02-06-1141	1855-1(P901)	
NOT TOOLED	1855-1(P901)IL	
02-06-1143	1855-(P901)IL	



SCALE:10X



SCALE:10X

LEGEND

1855-*(****)*

BLANK=WITH LOCKING TABS
1=WITHOUT LOCKING TABS

P=PREPLATE
BLANK=POSTPLATE

FORM
BLANK=CHAIN
1=CHAIN WITH INTERLEAF
PAPER ON REEL.
L=LOOSE

FINISH CODE

NOTES:

1. MATERIAL: BRASS

2. FINISHES:

901 HOT TIN DIP (.00051)/.000020 MIN.

* 228 SELECT GOLD PLATE (.00075)/.000030 MIN. IN CONTACT AREA, SELECT TIN (.00250)/.000100 MIN. IN CRIMP AREA OVER (.00125)/.000050 MIN. NICKEL OVERALL, WITH .000010/(.000025) MAX. SELECT GOLD FLASH IN AREA INDICATED.

561 SELECT GOLD PLATE (.00076)/.000030 MIN. IN CONTACT AREA, (.00127)/.000050 MIN. NICKEL OVERALL.

591 SELECT GOLD PLATE (.00127)/.000050 MIN. IN CONTACT AREA, OVER (.00127)/.000050 MIN. NICKEL OVERALL WITH (.00025)/.000010 MAX. GOLD FLASH OVERALL.

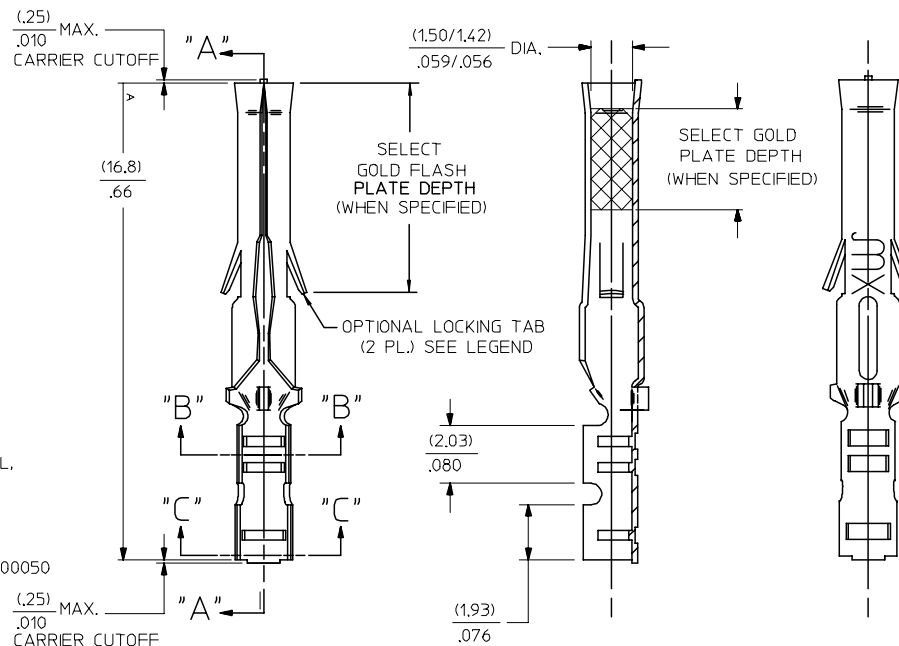
550 SELECT GOLD PLATE (.00038)/.000015 MIN. IN CONTACT AREA, OVER (.00076)/.000030 MIN. NICKLE OVERALL WITH (.00025)/.000010 MAX. GOLD FLASH OVERALL.

* THE PRIMARY SHIPPING CARTON WILL BE LABELED, *COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD.

3. PRODUCT SPECIFICATION: PS-02-0-6

4. PACKAGE INFORMATION: NOT AVAILABLE

5. TERMINAL FOR USE WITH (.157)/.062 DIA. SERIES HOUSINGS AND WILL ACCEPT 24 THRU 30 AWG WIRE WITH (.102/2.29)/.040/.090 INSULATION DIAMETER.



SECT. "A-A"

AP	REVISE Sn/Pb PLATE REDRAWN TO ME10 UCR2004-0097 5/07/04 RHOLTS
AN	OBSOLETE P/N UCR2002-0270 COMERC 01/9/28
AM1	OBSOLETE -IP575J & -IP575IL ECR UG 0558 6/3/15/95 RW
AM	REV. AND REDRAWN PER ECR 10372 SEP 6-17-87 RW

REV. MATL. SPEC/USTAT TO ME10 EC NO.: IUCP2004L-20097 DRAWN/RHOLTS 2004/05/14 CHKD: 2004/05/14 APPR:FSMITH 2004/05/18 REV	QUALITY SYMBOLS DESCRIPTION - 0 - 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 8:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
				DIMENSION STYLE IN/MM			TITLE			
		4 PLACES ± --- ± ---		DRAWN BY DATE			CRIMP TERMINAL, FEMALE (.157)/.062 DIA., BRASS FOR 24 THRU 30 GA. WIRE			
		3 PLACES ± --- ± .1		GEP 1987/09/17						
		2 PLACES ± 0.25 ± .014		CHECKED BY DATE						
		1 PLACE ± 0.35 ± ---		RW 1987/09/17						
		ANGULAR ±1/2°		APPROVED BY DATE			MATERIAL NO.		DOCUMENT NO.	SHEET NO.
		DRAFT WHERE APPLICABLE		RAS 1987/09/17			SEE CHART		SD-1855-*	1 OF 1
		MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						