

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0002066143

Status:

Active

Overview:

standard_062

Description:

1.57mm (.062") Diameter, Standard .062" Pin and Socket Crimp Terminal, Series 1854, Male, with Selective Gold (Au) Plated Brass Contact, Tin (Sn) Plated Crimp Area, 24-30 AWG, Reel

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	1854
Crimp Quality Equipment	Yes
Overview	standard_062
Product Name	Standard .062"
Physical	
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
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	1854-(228)
Reference - Drawing Numbers	
Sales Drawing	SD-1854-*

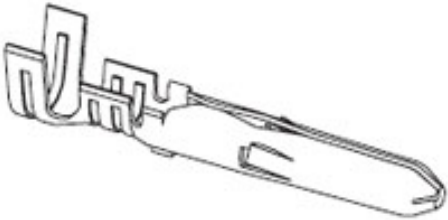


image - Reference only

Series

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

1854Series

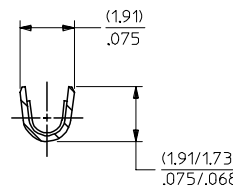
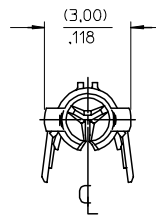
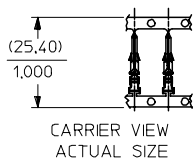
Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
Mini-Mac™	0638914100
Applicator	
Hand Crimp Tool	0638190800
Manual Extraction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

This document was generated on 05/17/2010

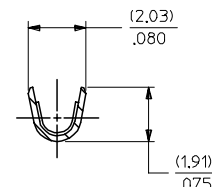
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PART NO. ENG. NO.

02-06-2131	1854-(901)	
02-06-2132	1854-(901)L	
02-06-2134	1854-(901)1	OBSOLETE
02-06-6137	1854-(591)	
02-06-6136	1854-(591)L	
02-06-6138	1854-(561)	
02-06-6139	1854-(561)L	
02-06-6130	1854-(550)	
02-06-6135	1854-(550)L	
02-06-6143	1854-(228)	
02-06-6144	1854-(228)L	
02-06-6145	1854-(603)1	OBSOLETE



SECT. "B-B"
SCALE:10X



SECT. "C-C"
SCALE:10X

LEGEND

1854-(****)*

P=PREPLATE
BLANK=POSTPLATE

FINISH CODE

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

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 AS 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.

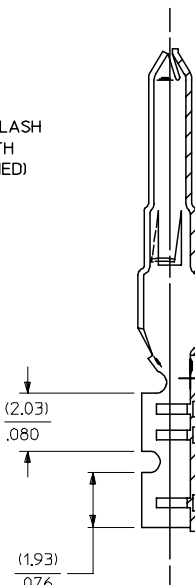
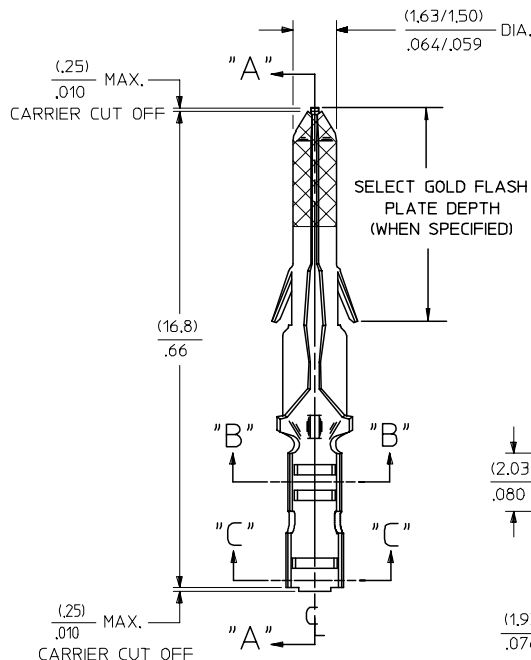
550 SELECT GOLD PLATE (.00038)/.000015 MIN. IN CONTACT AREA, OVER (.00076)/.000030 MIN. NICKEL OVERALL WITH (.00025)/.000010 MAX. GOLD FLASH OVERALL.

* THE PRIMARY SHIPPING CARTON WILL BE LABELED, "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC", CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD.

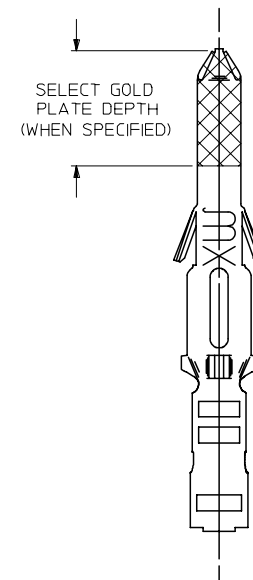
3. PRODUCT SPECIFICATIONS: PS-02-06

4. PACKAGING INFORMATION: NOT AVAILABLE

5. TERMINAL FOR USE WITH (1,57)/.062 DIA. SERIES HOUSINGS AND WILL ACCEPT 24 THRU 30 AWG. WIRE WITH (1,02/2,29)/.040/0.090 INSULATION DIA.



SECT. "A-A"



AP	REMOV Sn/Pb PLATING REDRAWN TO ME10 UCP2004-2097 RHOLTS 5/07/04
AN	OBSOLETE P/N UCR2002-0270 COMERC 01/9/27
AM2	OBSOLETE -675 & -575L ECR U6 0358 9/15/95 RW
AM1	ADD -(603)1 PER ERO #30605 11-5-90 RW
AM	REV. & REDRAWN PER ECR 10372 SEP 9-21-87 RW

WORK AREA

SEE REVISION BLOCK
EC NO: URC2004-2097
DRAWN: RHOLTS 04/27/2004
CHKD:
APPR:

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 8:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
▽ = 0	4 PLACES ± --- ± ---	DRAWN BY GEP	DATE 9/27/87	TITLE CRIMP TERMINAL, MALE (1,57)/.062 DIA., BRASS FOR 24 THRU 30 GA. WIRE	
▽ = 0	3 PLACES ± --- ± .010	CHECKED BY RW	DATE 9/27/87	MOLEX MOLEX INCORPORATED	
	2 PLACES ± 0.25 ± .035	APPROVED BY RAS	DATE 9/27/87	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-1854*
	1 PLACE ± 0.35 ± ---			SHEET NO. 1 OF 1	
	ANGULAR ± 1/2°				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				