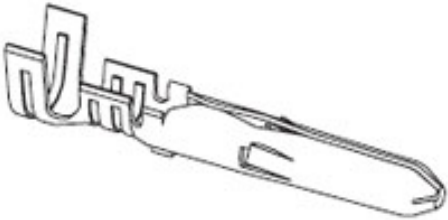


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0002066144](#)
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, Bag

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	Bag
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	1854603L
Reference - Drawing Numbers	
Sales Drawing	SD-1854-*



Series

image - Reference only

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](#)

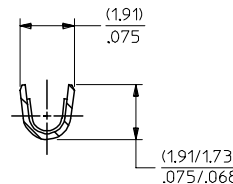
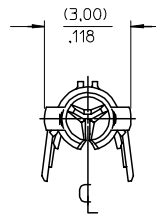
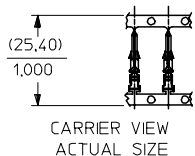
Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Hand Crimp Tool	0638190800
Manual Extraction Tool	0011030002
Hand Crimper - DISTRIBUTION ONLY	0638111000
Japan	
Description	Product #
Hand Insertion Tool	0011020001

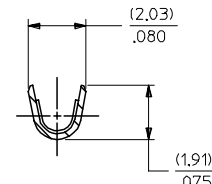
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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.

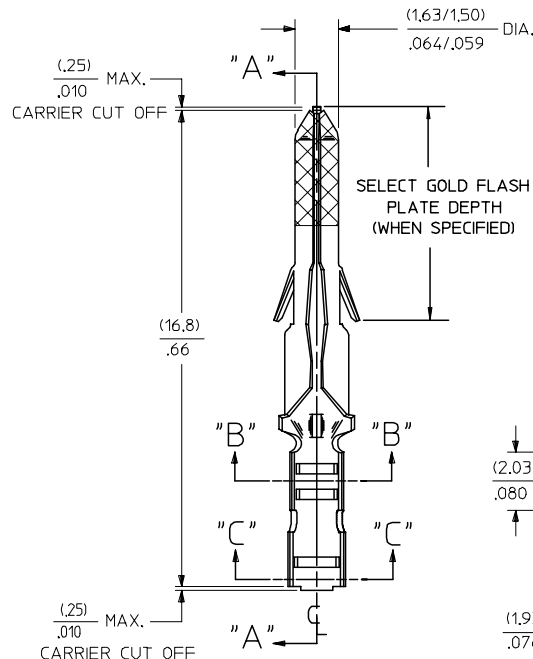
550 SELECT GOLD PLATE (.00038)/.000015 MIN. IN CONTACT AREA, OVER (.00076)/.000030 MIN. NICKEL OVERALL WITH (.00025)/.000010 MAX. GOLD FLASH OVERALL.

* 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.

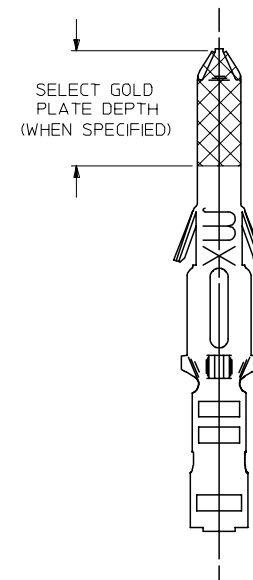
3. PRODUCT SPECIFICATIONS: PS-02-06

4. PACKAGING INFORMATION: NOT AVAILABLE

5. TERMINAL FOR USE WITH (.157)/.062 DIA. SERIES HOUSINGS AND WILL ACCEPT 24 THRU 30 AWG. WIRE WITH (.102/2.29)/.040/0.090 INSULATION DIA.



SECT. "A-A"



WORK AREA
PLOT

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

QUALITY SYMBOLS
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± .005 ± .0005
3 PLACES ± .005 ± .001
2 PLACES ± .005 ± .0015
1 PLACE ± .005 ± .002
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE 8:1
DESIGN UNITS INCH
DIMENSION STYLE INCH/MM
DRAWN BY GEP DATE 9/27/87
CHECKED BY RW DATE 9/27/87
APPROVED BY RAS DATE 9/27/87
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

THIRD ANGLE PROJECTION
TITLE CRIMP TERMINAL, MALE (.157)/.062 DIA., BRASS FOR 24 THRU 30 GA. WIRE
MOLEX MOLEX INCORPORATED
MATERIAL NO. SEE CHART
DOCUMENT NO. SD-1854*
SHEET NO. 1 OF 1

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 06/15/95 RW
AM1	ADD -(603)1 PER ERO #30605 11-5-90 RW
AM	REV. & REDRAWN PER ECR 10372 SEP 9-21-87 RW