

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0002062131

Status:

Active

Overview:

standard_062

Description:

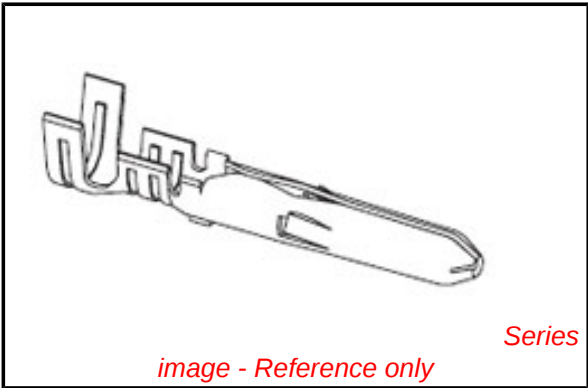
1.57mm (.062") Diameter, Standard .062" Pin and Socket Crimp Terminal, Series 1854, Male, with Tin (Sn) Plated Brass Contact, 24-30 AWG, Reel

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	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	20
Plating min: Mating (µm)	0.50
Plating min: Termination (µin)	20
Plating min: Termination (µm)	0.50
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-(P901)
Reference - Drawing Numbers	
Sales Drawing	SD-1854-*



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.

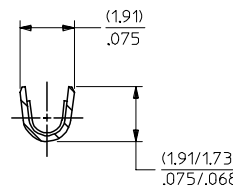
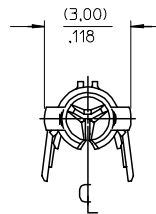
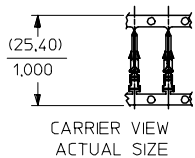
Search Parts in this Series	
1854Series	
Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
Mini-Mac™	0638914100
Applicator	
Hand Crimp Tool	0638190800
Manual Extraction 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

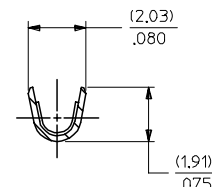
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PART NO. ENG. NO.

02-06-2131	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.

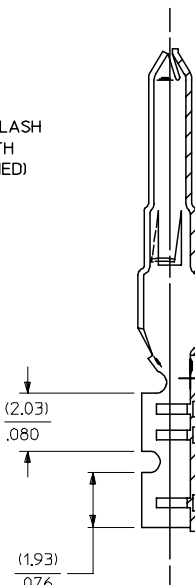
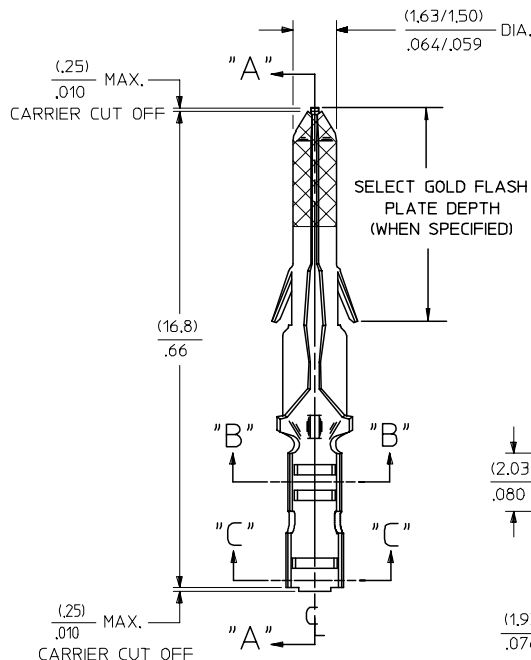
550 SELECT GOLD PLATE (.00038)/.000015 MIN. IN CONTACT AREA, OVER (.00076)/.000030 MIN. NICKEL OVERALL WITH (.00025)/.000010 MAX. GOLD FLASH OVERALL.

* 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.

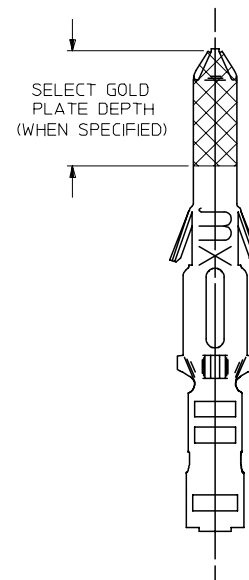
3. PRODUCT SPECIFICATIONS: PS-02-06

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 ±	---	---
3 PLACES ±	---	± .010
2 PLACES ±	0.25 ±	± .035
1 PLACE ±	0.35 ±	---
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

MATERIAL NO. SEE CHART

DOCUMENT NO. SD-1854*

THIRD ANGLE PROJECTION

TITLE CRIMP TERMINAL, MALE
(.157)/.062 DIA., BRASS
FOR 24 THRU 30 GA. WIRE

MOLEX INCORPORATED

SHEET NO. 1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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 04/15/95 RW
AM1	ADD -(603)1 PER ERO #30605 11-5-90 RW
AM	REV. & REDRAWN PER ECR 10372 GEP 9-21-87 RW

REVISE ON CAD ONLY