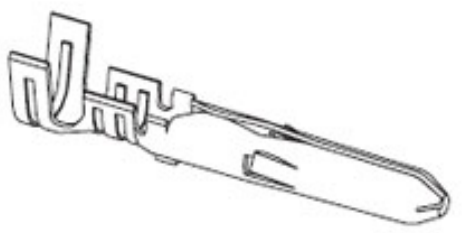
This document was generated on 05/19/2010

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0039000337
**Status:** Active
**Overview:** standard_062
**Description:** 1.57mm (.062") Diameter, Standard .062" Pin and Socket Crimp Terminal, Series 1854, 3.68mm (.145") Pitch, Male, Gold (Au) Plated Brass Contact, 22-28 AWG, Bag



*Series image - Reference only*

**Documents:**
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-1854-001 (PDF)

## General

| | |
|---|---|
| Product Family | Crimp Terminals |
| Series | 1854 |
| Crimp Quality Equipment | Yes |
| Overview | standard_062 |
| Product Name | Standard .062" |

## Physical

| | |
|---|---|
| Durability (mating cycles max) | 30 |
| Gender | Male |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Packaging Type | Bag |
| Plating min: Mating (µin) | 14 |
| Plating min: Mating (µm) | 0.35 |
| Plating min: Termination (µin) | 14 |
| Plating min: Termination (µm) | 0.35 |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.10-1.50mm (.043-.059") |
| Wire Size AWG | 22, 24, 26, 28 |
| Wire Size mm² | 0.08-0.32 |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3A |
| Voltage - Maximum | 250V |

## Material Info

| | |
|---|---|
| Old Part Number | 1854GL |

## Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-1854-001 |
| Sales Drawing | SD-1854* |

**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

**Mates With**
1855 Crimp Terminal

**Use With**
1625np Plug Housing

**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 |

**Japan**

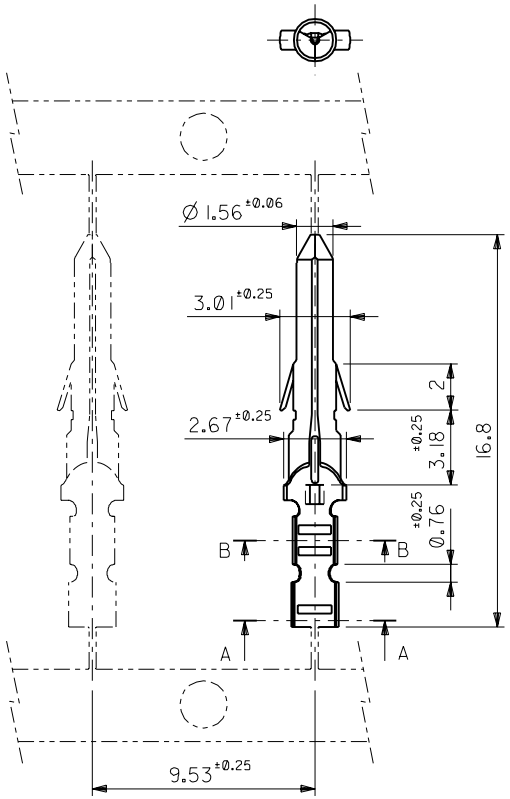
| Description | Product # |
|---|---|
| Hand Crimp Tool JHTR2262A | 0011260009 |

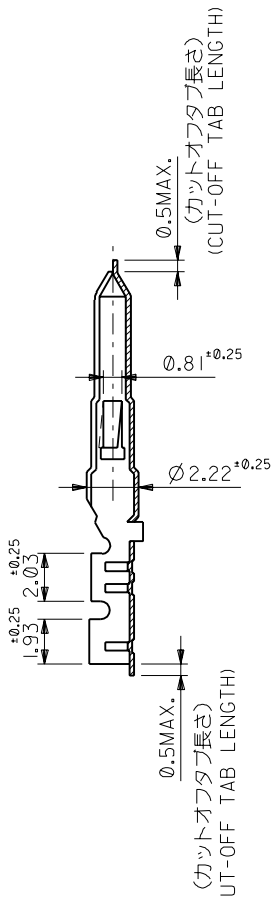
| | |
|---|---|
| Hand Insertion Tool | 0011020001 |
| Hand Extraction Tool | 0011267034 |

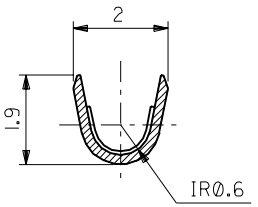
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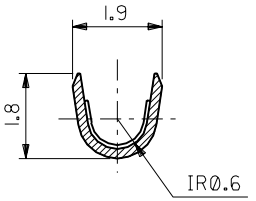
DWG. NO. SD-1854*




SECT. A-A
(SCALE 10 : 1)




SECT. B-B
(SCALE 10 : 1)

| メッキ PLATING | EDP.NO. | ENG.NO. | 形状 FORM |
|---|---|---|---|
| ニッケル (2 μm MIN.) 下地 金(0.35 μm MIN.) GOLD(0.35 μm MIN.) OVER NICKEL(2 μm MIN.) | 39-00-0337 | I854GL | バラ端子 LOOSE |
| | 39-00-0336 | I854G | 連鎖状端子 CHAIN |
| 銅(0.5 μm MIN.)下地 錫(0.9 μm MIN.) TIN(0.9 μm MIN.) OVER COPPER(0.5 μm MIN.) | 39-00-0335 | I854TL | バラ端子 LOOSE |
| | 39-00-0280 | I854T | 連鎖状端子 CHAIN |

注記 NOTES:

1。一般公差：±0.4
GENERAL TOLERANCES: ±0.4

| 角度 ANGLE | ±3° |
|---|---|
| 30 以上 OVER | ±0.3 |
| 10 以上 OVER 30 未満 UNDER | ±0.25 |
| 10 未満 UNDER | ±0.2 |

一般公差 GENERAL TOLERANCES

| LTR | REVISION RECORD | DR. | CHK. | DATE |
|---|---|---|---|---|
| K | REDRAWN 再作図 (J30695) | h.h | H.H | '93/07/09 |

記号 変更内容 日付

材料 MATERIAL: 黄銅 BRASS 0.2 t
仕上げ FINISH: 〃
適用電線範囲 WIRE RANGE: AWG#22-#28
被覆外径 INS. RANGE: Ø 1.1～1.5

DRAWN BY '93/07/09 H.HASEGAWA
CHK'D BY '93/07/09 H.HIRAMOTO
APP'D BY '93/07/09 M.FUKUSHIMA
尺度 SCALE 5 : 1

MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
.062 DIA.
CRIMP MALE TERMINAL

DWG. NO. SD-1854*
REV K

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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EN-0IC(032)MXJ-32

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