



**Part Number :** 39000280

**Series Number :** 1854

**Product Category :** Crimp Terminals

**Product Description :** 1.57mm Diameter, Standard .062" Pin and Socket Crimp Terminal, Series 1854, 3.68mm Pitch, Male, Tin (Sn) Plated Brass Contact, 28-22 AWG, Reel

**Status :** Active

**Engineering Number :** 1854T

Documents & Resources

**Drawings**

Drawing 039000280\_sd.pdf

Packaging Design Drawing SPK-1854-001-001.pdf

Packaging Design Drawing SPK-1854-001-002.pdf

Packaging Design Drawing SPK-1854-001-003.pdf

**Specifications**

Product Specification PS-1854-002-001.pdf

Product Specification PS-1854-003-001.pdf


Test Summary 15600000-TS-000.pdf

**Tooling Specifications**

Crimp Specification CS-1854\_1855-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	1854
Description	1.57mm Diameter, Standard .062" Pin and Socket Crimp Terminal, Series 1854, 3.68mm Pitch, Male, Tin (Sn) Plated Brass Contact, 28-22 AWG, Reel
Application	Power, Wire-to-Wire
Product Family	Standard .062"+ and Standard .062" Pin and Socket Connector Systems
Product Name	Standard .062"
UPC	800753332799

#### Physical

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	143.400/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.10-1.50mm
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm <sup>2</sup>	N/A

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## Use with Part(s)

Description	Part Number
Standard .062" Pin and Socket Connector Housings	<u>1625</u>

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## Application Tooling

### Global

Description	Part Number
Insertion Tool for Standard .062" Diameter Male and Female Terminals	<u>11020001</u>
Extraction Tool for Standard .062" and Standard .062"+ Pin and Socket Terminals	<u>11030002</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG	<u>638190800</u>
Mini-Mac Applicator for Standard .062" Pin and Socket Terminals, for 24-18 AWG Wire with Insulation Diameter 1.52-3.05mm	<u>638914000</u>
Mini-Mac Applicator for Standard 0.062" Pin and Socket Terminals, for 28-22 AWG and 30-24 AWG Wire	<u>638914100</u>