molex

Part Number : 39000280

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

Series Number : 1854

Status : Active

Product Category : Crimp Terminals

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(2023)8585-DC (23 Jan 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

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, 22-28 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^2	N/A

Use with Part(s)

Description	Part Number
Standard .062" Pin and Socket Connector Housings	1625

Application Tooling

Global

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