



Part Number : [1501811020](#)

Series Number : 150181

Product Category : Crimp Terminals

Product Description : Standard .062"+ Female Terminal, 20-22 AWG, Tin (Sn) Plated, Reel

Status : Active

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## Documents & Resources

### Drawings

[Drawing 1501811020\\_sd.pdf](#)

[Packaging Design Drawing PK-150180-001-000.pdf](#)

### Specifications

[Application Specification 1501760001-AS-000.pdf](#)


[Product Specification 1501760001-PS-000.pdf](#)

[Test Summary 1501760001-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
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)

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	150181
Description	Standard .062"+ Female Terminal, 20-22 AWG, Tin (Sn) Plated, Reel
Application	Power, Wire-to-Wire
Product Family	Standard .062"+ and Standard .062" Pin and Socket Connector Systems
Product Name	Standard .062"+
UPC	889056491426

### Electrical

Current - Maximum per Contact	7.5A
Voltage - Maximum	400V

### Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.135/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.20-1.80mm
Wire Size (AWG)	20, 22
Wire Size mm <sup>2</sup>	N/A

## Use with Part(s)

Description	Part Number
Standard .062"+ Single Row Receptacle Housings	<u>150178</u>
Standard .062"+ Dual Row Receptacle Housings	<u>150179</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Standard .062" and Standard .062"+ Pin and Socket Terminals	<u>11030002</u>
Hand Crimp Tool for EconoLatch Male and Female Terminals, 20 AWG UL1007and UL1061 wires	<u>638280700</u>
Hand Crimp Tool for EconoLatch Male and Female Terminals, 22 AWG UL1007and UL1061 wires	<u>638280800</u>
FineAdjust Applicator for EconoLatch Crimp Terminals, 20-22 AWG	<u>639036300</u>
FineAdjust Applicator for EconoLatch Crimp Terminals, 20-22 AWG	<u>639036400</u>
FineAdjust Applicator for EconoLatch Crimp Terminals, Optimized for 22AWG, UL1061 wire	<u>639036500</u>

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