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**Part Number:** [1501811020](#)  
**Status:** **Active**  
**Overview:** [EconoLatch Wire-to-Wire Interconnects](#)  
**Description:** [EconoLatch Female Terminal, 20-22 AWG, Tin \(Sn\) Plated, Reel](#)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-150180-001-000 (PDF)</a>
<a href="#">Product Specification 1501760001-PS-000 (PDF)</a>	<a href="#">Test Summary 1501760001-TS-000 (PDF)</a>
<a href="#">Application Specification 1501760001-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	<a href="#">150181</a>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">EconoLatch Wire-to-Wire Interconnects</a>
Product Name	EconoLatch
UPC	889056491426

**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>	0.32-0.51

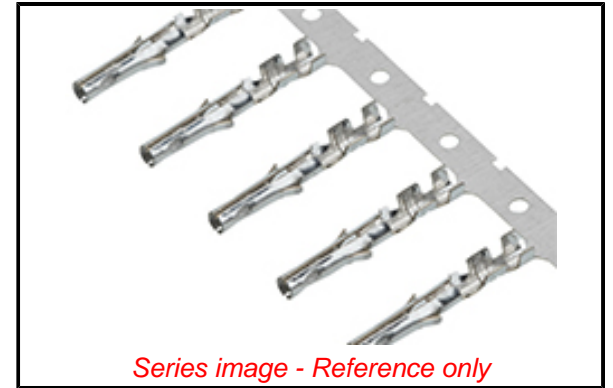
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	1501760001-AS-000
Packaging Specification	PK-150180-001-000
Product Specification	1501760001-PS-000
Sales Drawing	SD-150181-0001-000
Test Summary	1501760001-TS-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[150181](#) Series

**Use With**

EconoLatch Receptacle Housing [150178](#) ,  
[150179](#)

**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 #**

Manual Extraction Tool [11030002](#)

Hand Crimp Tool for EconoLatch Male and Female Terminals, 20 AWG UL1007and UL1061 wires

Hand Crimp Tool [638280800](#) for EconoLatch

Male and Female  
Terminals, 22 AWG  
UL1007and UL1061  
wires  
FineAdjust Applicator639036300  
for EconoLatch  
Crimp Terminals,  
20-22 AWG  
Fine Adjust 639036400  
Applicator for  
EconoLatch Crimp  
Terminals, 20-22  
AWG  
Fine Adjust 639036500  
Applicator for  
EconoLatch Crimp  
Terminals, Optimized  
for 22AWG, UL1061  
wire

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