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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:

Drawing (PDF)	Packaging Specification PK-150180-001-000 (PDF)
Product Specification 1501760001-PS-000 (PDF)	Test Summary 1501760001-TS-000 (PDF)
Application Specification 1501760001-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	150181
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	EconoLatch Wire-to-Wire Interconnects
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 ²	0.32-0.51

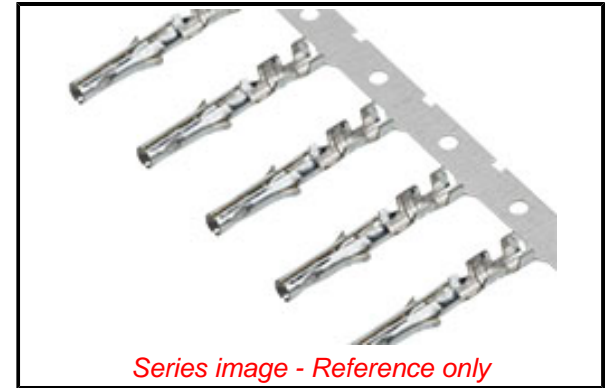
Electrical

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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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