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Part Number:

1501801020

Status:

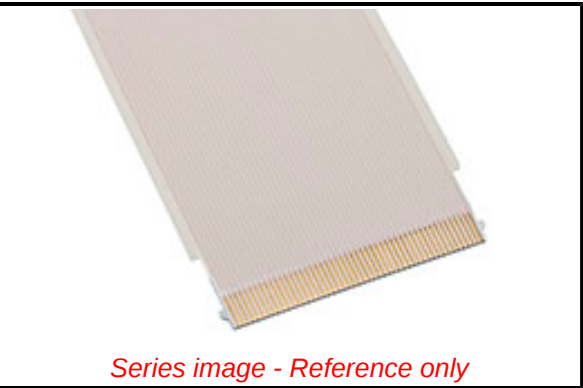
Active

Overview:

EconoLatch Wire-to-Wire Interconnects

Description:

EconoLatch Male Terminal, 20-22 AWG, Tin (Sn) Plated, Reel



Series image - Reference only

Documents:

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

General

Product Family	Crimp Terminals
Series	150180
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	EconoLatch Wire-to-Wire Interconnects
Product Name	EconoLatch
UPC	889056491372

Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.124/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 mm²	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-150180-0001-000
Test Summary	1501760001-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

150180 Series

Use With

EconoLatch Plug Housing 150176 , 150177

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	638280700
Hand Crimp Tool for EconoLatch Male and Female	638280800

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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