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Part Number: [1501811016](#)
Status: **Active**
Overview: EconoLatch® Wire-to-Wire Interconnects
Description: EconoLatch® Female Terminal, 16-18 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 |
| Crimp Quality Equipment | Yes |
| Overview | <u>EconoLatch® Wire-to-Wire Interconnects</u> |
| Product Name | EconoLatch® |
| UPC | 889056491112 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 25 |
| Gender | Female |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.145/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.508µm |
| Plating min - Termination | 0.508µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.70-2.10mm |
| Wire Size AWG | 16, 18 |
| Wire Size mm² | 0.82-1.31 |

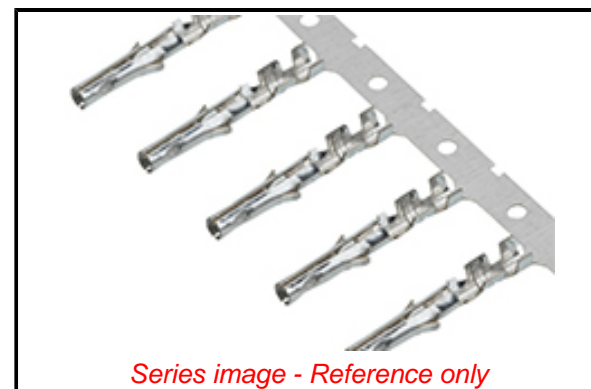
Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 11.0A |
| 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 -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[150181](#) Series

Use With

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