

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1501801016](#)  
**Status:** **Active**  
**Overview:** EconoLatch® Wire-to-Wire Interconnects  
**Description:** EconoLatch® Male Terminal, 16-18 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="#">150180</a>                        |
| Application             | Power   |
| Crimp Quality Equipment | Yes   |
| Overview                | <u>EconoLatch® Wire-to-Wire Interconnects</u> |
| Product Name            | EconoLatch®                                   |
| UPC                     | 889056490382                                  |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 25                   |
| Gender                         | Male                 |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.134/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            |

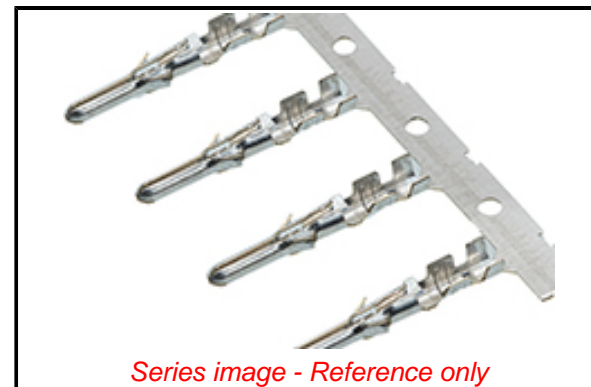
**Electrical**

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 11.5A |
| 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**

**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](mailto: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**

[150180 Series](#)

**Use With**

EconoLatch® Plug Housing [150176](#) ,  
[150177](#)