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**Part Number:** [0460560005](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit® H2O Sealed Interconnect System](#)  
**Description:** Mini-Fit® H2O Crimp Terminal, Male, with Select Gold (Au), Select Tin (Sn) over Nickel (Ni), UL1015, 18-20 AWG, Loose

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-5556-003 \(PDF\)](#)

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals  |
| Series                  | <a href="#">46056</a>                                    |
| Application             | Power  |
| Comments                | UL1015 18-20 AWG   |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Mini-Fit® H2O Sealed Interconnect System</a> |
| Packaging Alternative   | <a href="#">46056-0003 (Reel)</a>                        |
| Product Name            | Mini-Fit® H2O  |
| UPC                     | 883906938260   |

**Physical**

|                                |                              |
|--------------------------------|------------------------------|
| Gender                         | Male                         |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Nickel, Tin                  |
| Net Weight                     | 0.152/g                      |
| Packaging Type                 | Bag                          |
| Plating min - Mating           | 0.762µm                      |
| Plating min - Termination      | 2.540µm                      |
| Termination Interface: Style   | Crimp or Compression         |
| Wire Insulation Diameter       | 2.52mm / 2.81mm              |
| Wire Size AWG                  | 18, 20                       |
| Wire Size mm²                  | N/A                          |

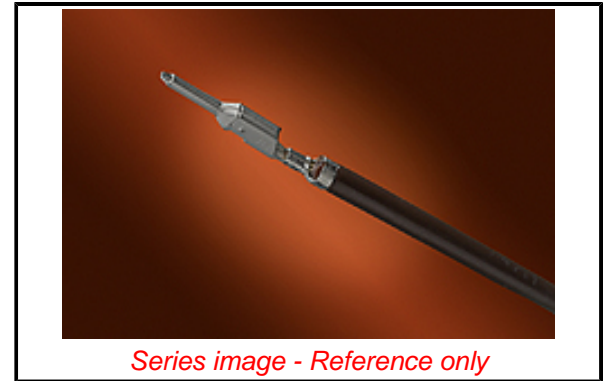
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
| Voltage - Maximum             | 600V |

**Material Info**

**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-5556-003  |
| Sales Drawing           | SD-46056-001 |



*Series image - Reference only*

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[46056 Series](#)

**Mates With**

[46055](#) Mini-Fit® H2O Crimp Terminal,  
Receptacle

**Use With**

[46065](#) Mini-Fit® H2O Sealed Plug Housing

**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 #**

Hand Crimp Tool for [0638191800](#)  
Male and Female

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