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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                         | 46056                                    |
| Application                    | Power                                    |
| Comments                       | UL1015 18-20 AWG                         |
| Crimp Quality Equipment        | Yes                                      |
| Overview                       | Mini-Fit® H2O Sealed Interconnect System |
| Packaging Alternative          | 46056-0003 (Reel)                        |
| 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

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2018 (15

January 2018)

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

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 Male and Female | 0638191800 |

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