

## Data sheet

### UAE modul Cat.5e white

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P/N

130908-I-B1

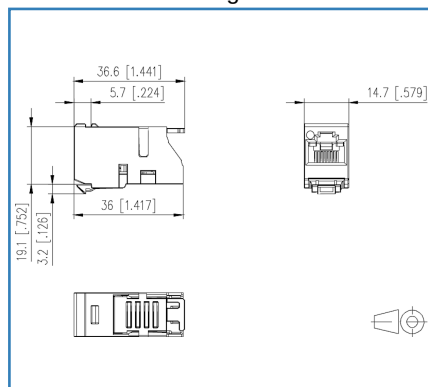
EAN 4250184118350

2017-16-08

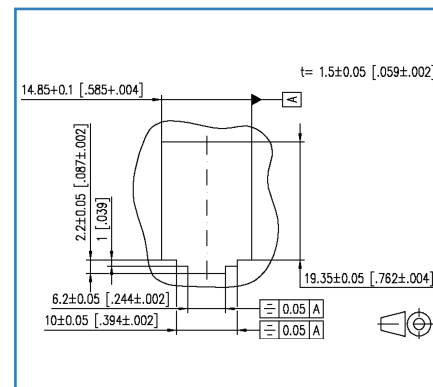
## Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document



## Product specification

- unshielded Cat.5e class D UAE module
- for Gigabit Ethernet
- compliance with class D to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- suitable for Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- easy to install connection of 2 to 4 pair data lines
- AWG 24/1 - 22/1 and stranded wires with 7 copper conductors AWG 26/7 to BTR 8-fold insulation displacement connectors (IDC)
- optional strain relief with cable tie at UAE module
- installation shape: module
- variants: designation of conductor colors marking to T568A, T568B



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### Technical Data

#### General Data

|                         |                           |
|-------------------------|---------------------------|
| Design                  | Jack                      |
| Shielding               | unshielded                |
| Transmission technology | Copper                    |
| Wiring                  | T568A, T568B              |
| Color                   | white                     |
| Dimensions              |                           |
| Dimension (L x W x H)   | 36.60 x 14.70 x 19.10 mm  |
| Dimension (L x W x H)   | 1.441 x 0.579 x 0.752 in. |
| Modularity              | yes                       |
| Labeling option         | on housing                |

#### Transmission characteristics

|                 |              |
|-----------------|--------------|
| Category (ISO)  | 5e           |
| Class (ISO/IEC) | D            |
| Category (TIA)  | 5e           |
| Remote Powering | yes          |
| PoE             | IEEE 802.3af |
| PoE plus        | IEEE 802.3at |
| UPoE            | yes          |
| HDBaseT         | yes          |

#### Connections/interfaces

|                                              |                               |
|----------------------------------------------|-------------------------------|
| Connector technology interface 1             | IDC-connection                |
| Connector technology interface 2             | RJ45-jack                     |
| Number of ports interface 2                  | 1                             |
| Number of ports interface 2 equipped         | 1                             |
| Number of positions/contacts interface 1     | 8                             |
| Number of positions/contacts interface 2     | 8P/8C                         |
| Termination data, solid wire (min. - max.)   |                               |
| Conductor cross section, solid wire          | AWG 26/1 - 22/1               |
| Conductor cross section, solid wire          | 0.128 - 0.324 mm <sup>2</sup> |
| Conductor diameter, solid wire (bare copper) | 0.409 - 0.643 mm              |
| Conductor diameter, solid wire (bare copper) | 0.016 - 0.025 in.             |



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### Technical Data

#### Connections/interfaces

Termination data, stranded wire (min. - max.)

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| Conductor cross section, stranded wire          | AWG 26/7              |
| Conductor cross section, stranded wire          | 0.141 mm <sup>2</sup> |
| Conductor diameter, stranded wire (bare copper) | 0.483 mm              |
| Conductor diameter, stranded wire (bare copper) | 0.019 in.             |
| Cable access/outlet                             | 180°                  |

#### Mechanical characteristics

|                                                             |                                    |
|-------------------------------------------------------------|------------------------------------|
| Cut-out                                                     | Modul                              |
| Mounting method                                             | snap-in function                   |
| Life - Number of mating cycles                              | min. 750                           |
| Position/mounting of latch - standard installation position | top                                |
| strain relief                                               | with cable tie, attached to module |

#### Materials and material properties

|                    |                |
|--------------------|----------------|
| Material - Housing | PA 6.6 UL94 V0 |
|--------------------|----------------|

#### Environmental conditions

|                             |                |
|-----------------------------|----------------|
| Electromagnetic measurement | E <sub>1</sub> |
|-----------------------------|----------------|

#### Approvals

|                      |              |
|----------------------|--------------|
| CE                   | compliant    |
| RoHS                 | compliant    |
| UL listed (file no.) | DUXR.E178484 |



#### The product meets the following standards

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Generic cabling systems |                                                                          |
| General requirements    | ISO/IEC 11801 Ed.2.2: 2011-06   DIN EN 50173-1: 2011-09<br>TIA/EIA 568-C |

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#### The product meets the following standards

Connectors for electronic equipment

|                           |                          |
|---------------------------|--------------------------|
| Free and fixed connectors | DIN EN 60603-7-2:2011-03 |
|---------------------------|--------------------------|

Connectors for electronic equipment - Tests and measurements

|                              |                                        |
|------------------------------|----------------------------------------|
| Test schedule for connectors | DIN-EN 60512-99-001: 02-2013, Pg. UEL1 |
|------------------------------|----------------------------------------|

|                 |                        |
|-----------------|------------------------|
| Endurance tests | IEC 60512-9-3: 03-2009 |
|-----------------|------------------------|

#### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC001121 |
|----------|----------|

|          |          |
|----------|----------|
| ETIM 6.0 | EC001121 |
|----------|----------|

#### Packing details

|                   |                |
|-------------------|----------------|
| Type of packaging | 10 pc(s) / box |
|-------------------|----------------|

|                                |          |
|--------------------------------|----------|
| Packaging unit - Weight (gram) | 186.00 g |
|--------------------------------|----------|

|                                 |         |
|---------------------------------|---------|
| Packaging unit - Weight (pound) | 0.41 lb |
|---------------------------------|---------|

|                                 |                            |
|---------------------------------|----------------------------|
| Packaging dimension (W x H x D) | 247.00 x 161.00 x 58.00 mm |
|---------------------------------|----------------------------|

|                                 |                           |
|---------------------------------|---------------------------|
| Packaging dimension (W x H x D) | 9.724 x 6.339 x 2.283 in. |
|---------------------------------|---------------------------|



# P | Cabling

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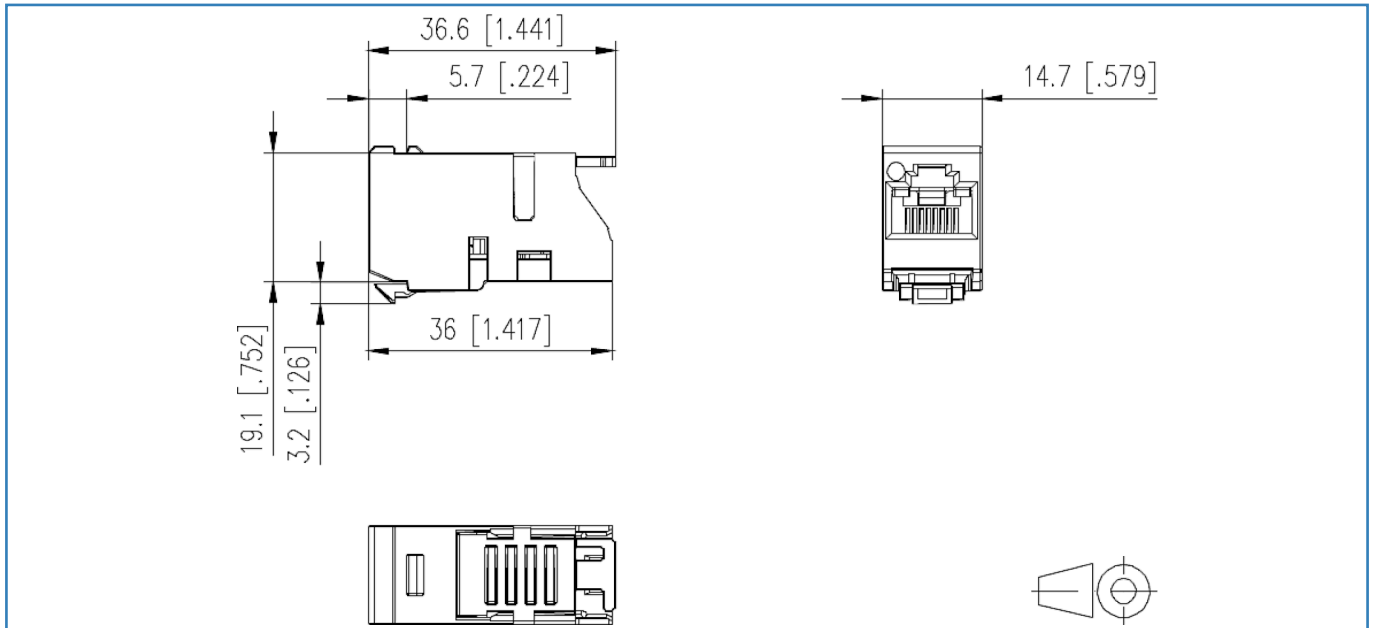
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