



## MECHANICAL PROPERTIES

Conductivity (MΩ): Non conductive

EMI: No

Material sealing ring: Silicone

Coupling-torque to lock [Nm]: max. 4.0

Coupling-torque to open [Nm]: min. 1.0

## THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF / thermoplastic

Operating temperature insert [°C]: -55 - +150

## ELECTRICAL PROPERTIES

Operating voltage DC [V]: 700

Operating voltage AC [V]: 500

Test voltage AC [V]: 2000

Insulation resistance (MΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 3.2

Voltage class: MIL-DTL-5015

## ELECTRICAL PROPERTIES CONTACTS

Size 16 - rated current (continuous) [A]: 13

Size 16 - maximum current (short-term) [A]: 22

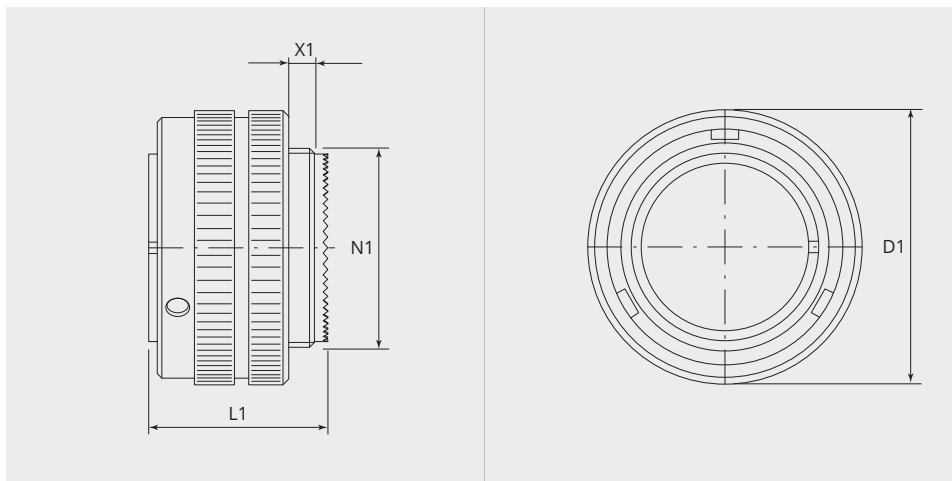
Size 16 - test current [A]: 20

## STANDARDS

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

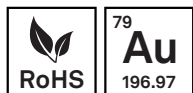
|            |               |
|------------|---------------|
| D1 Ø [mm]: | 37            |
| L1 [mm]:   | 36            |
| N1:        | 1"-20 UNEF 2A |
| X1 [mm]:   | 9             |

## Pin contact size 16, 0.75mm<sup>2</sup>

Item number: 10-40557-075AU

Product weight (kg): 0.0009 kg

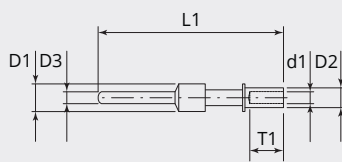
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 22                 |
| Test current [A]:                 | 20                 |
| Rated current (continuous) [A]:   | 13                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 0.75               |
| Wire section [AWG]:               | 18                 |
| Stripping length [mm]:            | 7                  |

## DIMENSIONS



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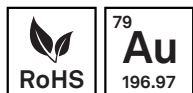
|            |      |
|------------|------|
| D1 Ø [mm]: | 3.1  |
| D2 Ø [mm]: | 2.2  |
| D3 Ø [mm]: | 1.6  |
| d1 Ø [mm]: | 1.35 |
| L1 [mm]:   | 32   |
| T1 [mm]:   | 6.4  |

## Pin contact size 16, 1.0mm<sup>2</sup>

Item number: 10-40557AU

Product weight (kg): 0.001 kg

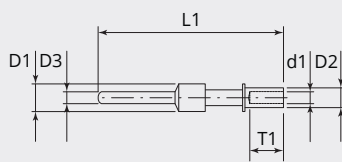
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 22                 |
| Test current [A]:                 | 20                 |
| Rated current (continuous) [A]:   | 13                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 1                  |
| Wire section [AWG]:               | 16                 |
| Stripping length [mm]:            | 7                  |

## DIMENSIONS



## DIMENSIONS

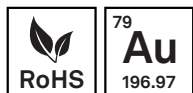
|            |     |
|------------|-----|
| D1 Ø [mm]: | 3.1 |
| D2 Ø [mm]: | 2.9 |
| D3 Ø [mm]: | 1.6 |
| d1 Ø [mm]: | 1.8 |
| L1 [mm]:   | 32  |
| T1 [mm]:   | 6.4 |

## Pin contact size 16, 0.25 -0.5mm<sup>2</sup>

Item number: 10-40557-05AU

Product weight (kg): 0.0009 kg

Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|               |     |
|---------------|-----|
| Contact type: | Pin |
|---------------|-----|

|                                   |    |
|-----------------------------------|----|
| Maximum current (short-term) [A]: | 22 |
|-----------------------------------|----|

|                   |    |
|-------------------|----|
| Test current [A]: | 20 |
|-------------------|----|

|                                 |    |
|---------------------------------|----|
| Rated current (continuous) [A]: | 13 |
|---------------------------------|----|

|                   |          |
|-------------------|----------|
| Contact Material: | CU alloy |
|-------------------|----------|

|                   |                    |
|-------------------|--------------------|
| Protective layer: | Gold plated, 0.5µm |
|-------------------|--------------------|

|                  |       |
|------------------|-------|
| Connection type: | Crimp |
|------------------|-------|

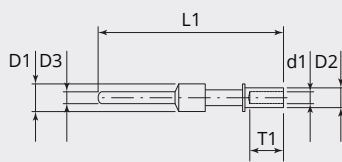
|                                  |            |
|----------------------------------|------------|
| Wire section [mm <sup>2</sup> ]: | 0.25 - 0.5 |
|----------------------------------|------------|

|                     |         |
|---------------------|---------|
| Wire section [AWG]: | 22 - 20 |
|---------------------|---------|

|                        |   |
|------------------------|---|
| Stripping length [mm]: | 7 |
|------------------------|---|



## DIMENSIONS



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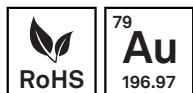
|            |      |
|------------|------|
| D1 Ø [mm]: | 3.1  |
| D2 Ø [mm]: | 2.15 |
| D3 Ø [mm]: | 1.6  |
| d1 Ø [mm]: | 1.1  |
| L1 [mm]:   | 32   |
| T1 [mm]:   | 6.4  |

## Pin contact size 16, 1.5mm<sup>2</sup>

Item number: 10-40557-20-1AU

Product weight (kg): 0.001 kg

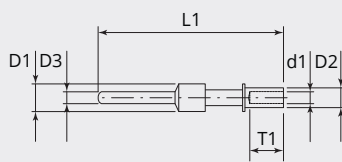
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 22                 |
| Test current [A]:                 | 20                 |
| Rated current (continuous) [A]:   | 13                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 1.5                |
| Stripping length [mm]:            | 7                  |

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 3.1  |
| D2 Ø [mm]: | 2.62 |
| D3 Ø [mm]: | 1.6  |
| d1 Ø [mm]: | 1.75 |
| L1 [mm]:   | 32   |
| T1 [mm]:   | 6.4  |