



## MECHANICAL PROPERTIES

|                               |                |
|-------------------------------|----------------|
| Temperature shock [°C]:       | -55 - +125     |
| Conductivity (MΩ):            | Non conductive |
| EMI:                          | No             |
| Coupling-torque to lock [Nm]: | max. 1.8       |
| Coupling-torque to open [Nm]: | min. 0.55      |

## THERMAL PROPERTIES

|                                    |                       |
|------------------------------------|-----------------------|
| Material contact insert:           | Ethylene acrylate GXF |
| 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

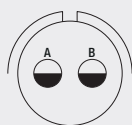
|                                              |    |
|----------------------------------------------|----|
| Size 16S - rated current (continuous) [A]:   | 13 |
| Size 16S - maximum current (short-term) [A]: | 22 |
| Size 16S - test current [A]:                 | 20 |

## STANDARDS

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

|            |                 |
|------------|-----------------|
| D1 Ø [mm]: | 24.6            |
| L1 [mm]:   | 30.0            |
| L2 [mm]:   | 18.2            |
| L3 [mm]:   | 3.2             |
| N1:        | 3/4"-20 UNEF 2A |
| N2:        | 7/8"-20 UNEF 2A |
| T1 [mm]:   | 3.2             |

## DIMENSIONS

|          |      |
|----------|------|
| X1 [mm]: | 9.0  |
| S1 [mm]: | 30.2 |
| R1 [mm]: | 23   |

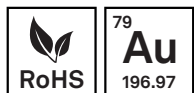
- Please contact your Gimota partner for other shell materials, surface coatings or contact insert materials.
- Voltage classes tested acc. MIL-DTL-5015 Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 / 37
- Corrosion resistance tested acc. MIL 1344A Test 101.1 Temperature shock tested acc. MIL 202F, 107G Method Electrical conductivity acc. MIL 1344A, Test 3007

## Socket contact size 16S, 0.75 - 1.5mm<sup>2</sup>

Item number: 10-40552AU

Product weight (kg): 0.0009 kg

Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Socket             |
| 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 - 1.5         |
| Wire section [AWG]:               | 16                 |
| Stripping length [mm]:            | 7                  |

## DIMENSIONS



## DIMENSIONS

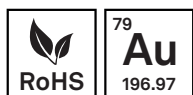
|            |      |
|------------|------|
| D1 Ø [mm]: | 3.1  |
| D2 Ø [mm]: | 2.62 |
| d1 Ø [mm]: | 1.75 |
| d2 Ø [mm]: | 1.6  |
| L1 [mm]:   | 27   |
| T1 [mm]:   | 6.4  |

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

Item number: 10-40552-05AU

Product weight (kg): 0.0001 kg

Packing unit:



### MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

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



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 3.1  |
| D2 Ø [mm]: | 2.15 |
| d1 Ø [mm]: | 1.1  |
| d2 Ø [mm]: | 1.6  |
| L1 [mm]:   | 27   |
| T1 [mm]:   | 6.4  |