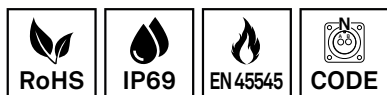


# Plug with bayonet coupling nut

Series GR

Item number: GR60-10SL-4SN-EAA

Packing unit: 1



## MECHANICAL PROPERTIES

|                                           |                |
|-------------------------------------------|----------------|
| Size:                                     | 10SL           |
| Contact type:                             | Socket         |
| Number of contacts:                       | 2              |
| Number of contacts, size 16s:             | 2              |
| Shell material:                           | Aluminum alloy |
| Surface:                                  | Zinc           |
| Type of surface:                          | Passivated     |
| Thickness of surface treatment [ $\mu$ ]: | 12-15 $\mu$    |
| Surface colour:                           | Black          |
| Corrosion resistance [h]:                 | 200            |
| Operation temperature [°C]:               | -55 - +90      |

## MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ): ≤ 0.5

Coupling-torque to lock [Nm]: max. 1.7

Coupling-torque to open [Nm]: min. 0.45

## 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

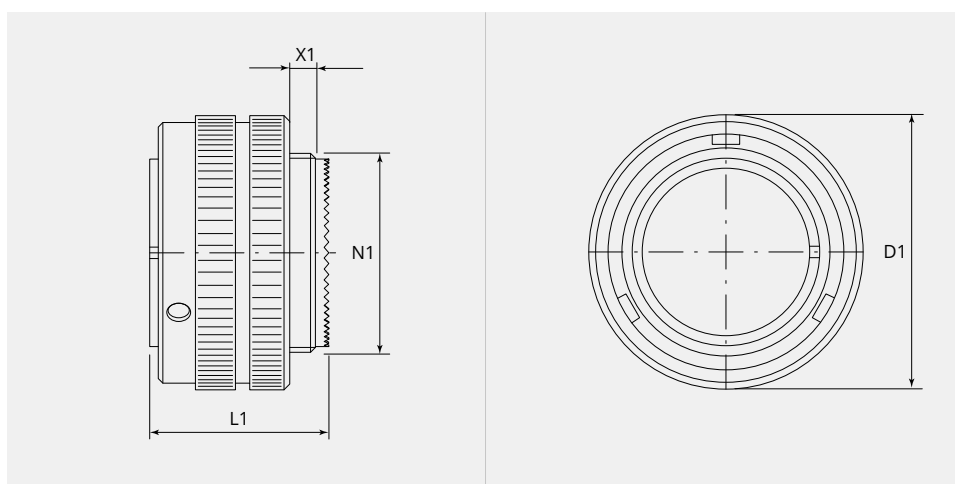
Size 16S - test current [A]: 20

## STANDARDS

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

|                   |                 |
|-------------------|-----------------|
| <b>D1 Ø [mm]:</b> | 23              |
| <b>L1 [mm]:</b>   | 24.6            |
| <b>N1:</b>        | 5/8"-24 UNEF 2A |
| <b>X1 [mm]:</b>   | 9.0             |

- 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, 0.25 - 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

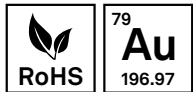
|            |      |
|------------|------|
| D1 Ø [mm]: | 3.1  |
| D2 Ø [mm]: | 2.15 |
| d1 Ø [mm]: | 1.1  |
| d2 Ø [mm]: | 1.6  |
| L1 [mm]:   | 27   |
| T1 [mm]:   | 6.4  |

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

Item number: 10-40552AU

Product weight (kg): 0.0009 kg

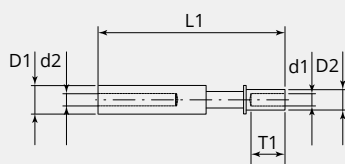
Packing unit:



### 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  |