

# Plug with rubber coated coupling nut

Series GS

Item number: GS602-20-11PN-EAA

Packing unit: 1



## MECHANICAL PROPERTIES

|                                           |                |
|-------------------------------------------|----------------|
| Size:                                     | 20             |
| Contact type:                             | Pin            |
| Number of contacts:                       | 13             |
| Number of contacts, size 16:              | 13             |
| 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 [ $^{\circ}$ C]:    | -55 - +90      |

## MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ): ≤ 0.5

Coupling-torque to lock [Nm]: max. 5.0

Coupling-torque to open [Nm]: min. 1.5

## THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF

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

## ELECTRICAL PROPERTIES

Operating voltage DC [V]: 250

Operating voltage AC [V]: 200

Test voltage AC [V]: 1000

Insulation resistance (mΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 1.6

Voltage class: MIL-DTL-5015

## ELECTRICAL PROPERTIES CONTACTS

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

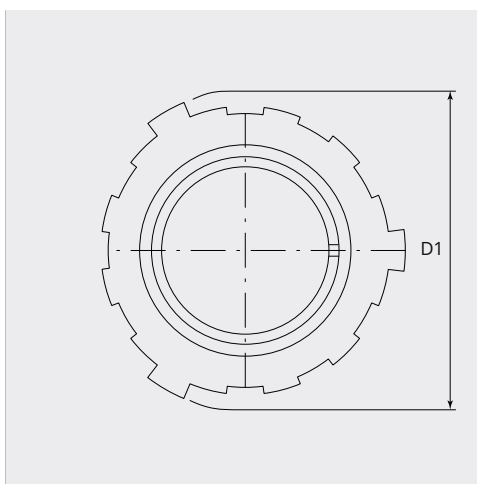
Size 16 - maximum current (short-term) [A]: 22

Size 16 - test current [A]: 20

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

|            |                   |
|------------|-------------------|
| D1 Ø [mm]: | 51.5              |
| L1 [mm]:   | 39.0              |
| N1:        | 1 1/8"-18 UNEF 2A |
| X1 [mm]:   | 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