



# Jam nut receptacle

## Series GB

Item number: GB72-14SZ-10PN-EAA

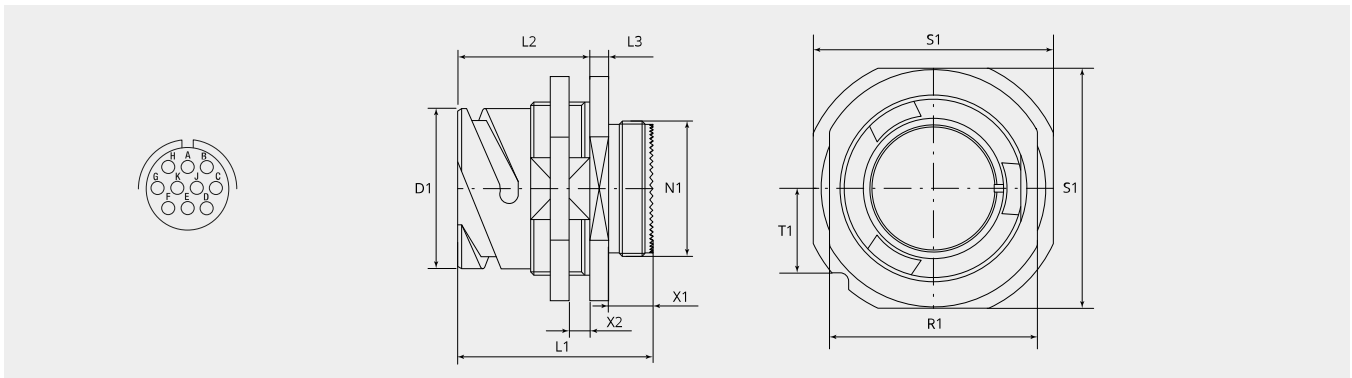
Packing unit: 1

## Mechanical properties

|                                 |                |
|---------------------------------|----------------|
| Size:                           | 14S            |
| Contact type:                   | Pin            |
| Coding options:                 | 0              |
| Shell material:                 | Aluminum alloy |
| Surface treatment:              | Zinc           |
| Type of surface:                | passivated     |
| Thickness of surface treatment: | 12-15μ         |
| Surface colour:                 | black          |
| Corrosion resistance (h):       | 200            |
| Operation temperature:          | -55°C - +90°C  |
| Temperature shock:              | -55°C - +125°C |
| Conductivity (MΩ):              | ≤ 0.5          |
| EMI:                            | Yes            |
| 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:                | -55°C - +150°C        |
| Fire protection class DIN EN 45545-2: | R23/HL3               |



## Dimensional drawing

|                 |                 |
|-----------------|-----------------|
| <b>D1 (Ø):</b>  | 24.6            |
| <b>L1 (mm):</b> | 39.8            |
| <b>L2 (mm):</b> | 26.8            |
| <b>L3 (mm):</b> | 4.8             |
| <b>N1:</b>      | 3/4"-20 UNEF 2A |
| <b>T1 (mm):</b> | 14.6            |
| <b>X1 (mm):</b> | 9.0             |
| <b>X2 (mm):</b> | 2.4 - 7.5       |
| <b>S1 (mm):</b> | 41.3            |
| <b>R1 (mm):</b> | 33.0            |

## Electrical properties

|                                     |        |
|-------------------------------------|--------|
| <b>Operating voltage DC (V):</b>    | 750    |
| <b>Operating voltage AC (V):</b>    | 600    |
| <b>Test voltage AC (V):</b>         | 1500   |
| <b>Insulation resistance (Ω m):</b> | ≥ 5000 |

## Electrical properties contacts

|                                       |     |
|---------------------------------------|-----|
| <b>Size 20 - nominal current (A):</b> | 7.5 |
| <b>Size 20 - maximal current (A):</b> | 7.5 |
| <b>Size 20 - test current (A):</b>    | 9   |

**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