



# Receptacle with threaded coupling, front panel mount

Series GT

Item number: GT210-36-10PN-EAC

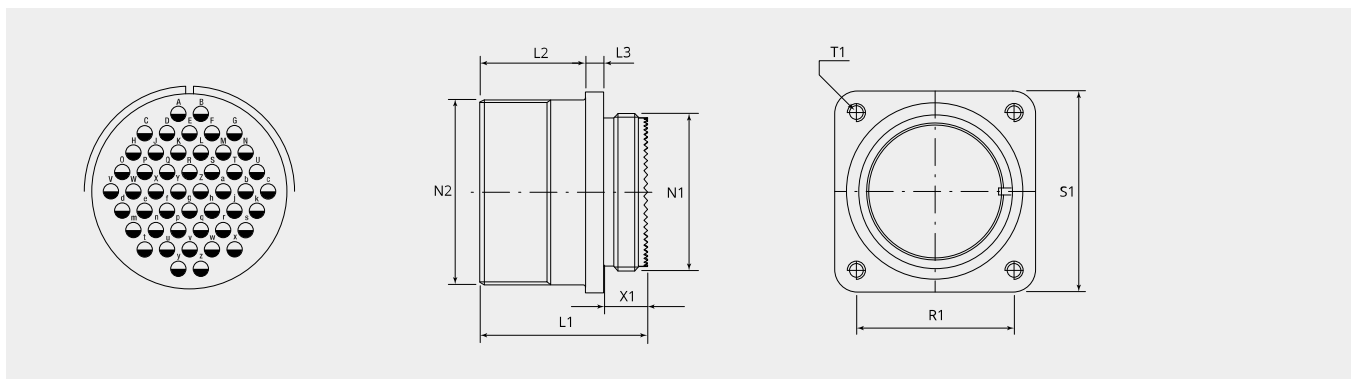
Packing unit: 1

## Mechanical properties

|                                 |                    |
|---------------------------------|--------------------|
| Size:                           | 36                 |
| Contact type:                   | Pin                |
| Coding options:                 | 4                  |
| Number of contacts, size 16:    | 48                 |
| Shell material:                 | Aluminum alloy     |
| Surface treatment:              | Epoxy-polyurethane |
| Type of surface:                | varnished          |
| Thickness of surface treatment: | 13-16μ             |
| Surface colour:                 | black              |
| Corrosion resistance (h):       | 500                |
| Operation temperature:          | -55°C - +125°C     |
| Temperature shock:              | -55°C - +125°C     |
| Conductivity (MΩ):              | non conductive     |
| EMI:                            | No                 |
| Coupling-torque to lock (Nm):   | max. 9.0           |
| Coupling-torque to open (Nm):   | min. 4.5           |

## 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>  | 60.0             |
| <b>L1 (mm):</b> | 39.5             |
| <b>L2 (mm):</b> | 24.1             |
| <b>L3 (mm):</b> | 4.0              |
| <b>N1:</b>      | 2 1/16"-16 UN 2A |
| <b>N2:</b>      | 2 1/4"-16 UN 2A  |
| <b>T1 (mm):</b> | 4.3              |
| <b>X1 (mm):</b> | 11.3             |
| <b>S1 (mm):</b> | 63.5             |
| <b>R1 (mm):</b> | 49.2             |

## Electrical properties

|                                           |              |
|-------------------------------------------|--------------|
| <b>Operating voltage DC (V):</b>          | 700          |
| <b>Operating voltage AC (V):</b>          | 500          |
| <b>Test voltage AC (V):</b>               | 2000         |
| <b>Insulation resistance (Ω m):</b>       | ≥ 5000       |
| <b>Insulation creepage distance (mm):</b> | ≥ 3.2        |
| <b>Voltage class:</b>                     | MIL-DTL-5015 |

## Electrical properties contacts

|                                                    |    |
|----------------------------------------------------|----|
| <b>Size 16 - nominal current [continuous] (A):</b> | 13 |
| <b>Size 16 - maximal current [short-term] (A):</b> | 22 |
| <b>Size 16 - test current (A):</b>                 | 20 |



**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