

# Receptacle, front panel mount

Series GB

Item number: GB210-36-5SN-EAC

Packing unit: 1



## MECHANICAL PROPERTIES

|                                           |                    |
|-------------------------------------------|--------------------|
| Size:                                     | 36                 |
| Contact type:                             | Socket             |
| Number of coding options:                 | 2                  |
| Number of contacts:                       | 4                  |
| Number of contacts, size 0:               | 4                  |
| Shell material:                           | Aluminum alloy     |
| Surface:                                  | Epoxy-polyurethane |
| Type of surface:                          | Varnished          |
| Thickness of surface treatment [ $\mu$ ]: | 13-16 $\mu$        |
| Surface colour:                           | Black              |
| Corrosion resistance [h]:                 | 500                |
| Operation temperature [°C]:               | -55 - +125         |
| Temperature shock [°C]:                   | -55 - +125         |

## MECHANICAL PROPERTIES

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 insert [°C]: -55 - +150

## ELECTRICAL PROPERTIES

Operating voltage DC [V]: 700

Operating voltage AC [V]: 500

Test voltage AC [V]: 2000

Insulation resistance (mΩ):  $\geq 5000$

Insulation creepage distance [mm]:  $\geq 3.2$

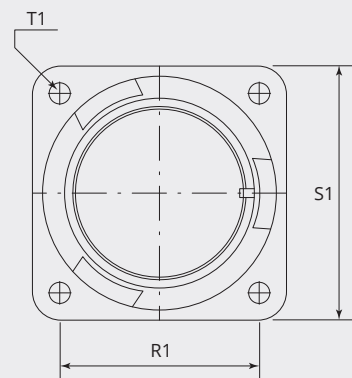
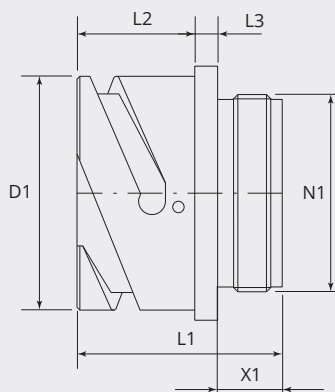
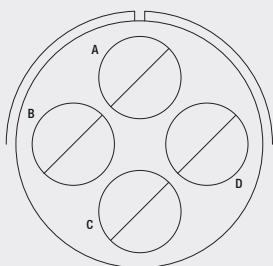
Voltage class: MIL-DTL-5015

## ELECTRICAL PROPERTIES CONTACTS

|                                             |     |
|---------------------------------------------|-----|
| Size 0 - rated current (continuous) [A]:    | 150 |
| Size 0 - maximum current (short-term) [A]:  | 245 |
| Size 0 - test current [A]:                  | 200 |
| Size 0* - rated current (continuous) [A]:   | 200 |
| Size 0* - maximum current (short-term) [A]: | 300 |
| Size 0* - test current [A]:                 | 240 |

|                                   |         |
|-----------------------------------|---------|
| Fire protection class EN 45545-2: | R23/HL3 |
|-----------------------------------|---------|

## DIMENSIONS



## DIMENSIONS

|            |                  |
|------------|------------------|
| D1 Ø [mm]: | 60               |
| L1 [mm]:   | 37.5             |
| L2 [mm]:   | 22.2             |
| L3 [mm]:   | 4.0              |
| N1:        | 2 1/16"-16 UN 2A |
| T1 [mm]:   | 4.3              |
| X1 [mm]:   | 11.3             |
| S1 [mm]:   | 63.5             |
| R1 [mm]:   | 49.2             |

- 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