

## Receptacle, front panel mount

Series GB

Item number: GB210-28-3PN-EAC

Packing unit: 1



## MECHANICAL PROPERTIES

|                                     |                    |
|-------------------------------------|--------------------|
| Size:                               | 28                 |
| Contact type:                       | Pin                |
| Number of coding options:           | 4                  |
| Number of contacts:                 | 3                  |
| Number of contacts, size 8H:        | 3                  |
| Shell material:                     | Aluminum alloy     |
| Surface:                            | Epoxy-polyurethane |
| Type of surface:                    | Varnished          |
| Thickness of surface treatment [μ]: | 13-16μ             |
| 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. 7.0

Coupling-torque to open [Nm]: min. 2.7

## THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF

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

## ELECTRICAL PROPERTIES

Operating voltage DC [V]: 1750

Operating voltage AC [V]: 1250

Test voltage AC [V]: 3500

Insulation resistance (mΩ):  $\geq 5000$

Insulation creepage distance [mm]:  $\geq 6.3$

Voltage class: MIL-DTL-5015

## ELECTRICAL PROPERTIES CONTACTS

Size 8H - rated current (continuous) [A]: 56

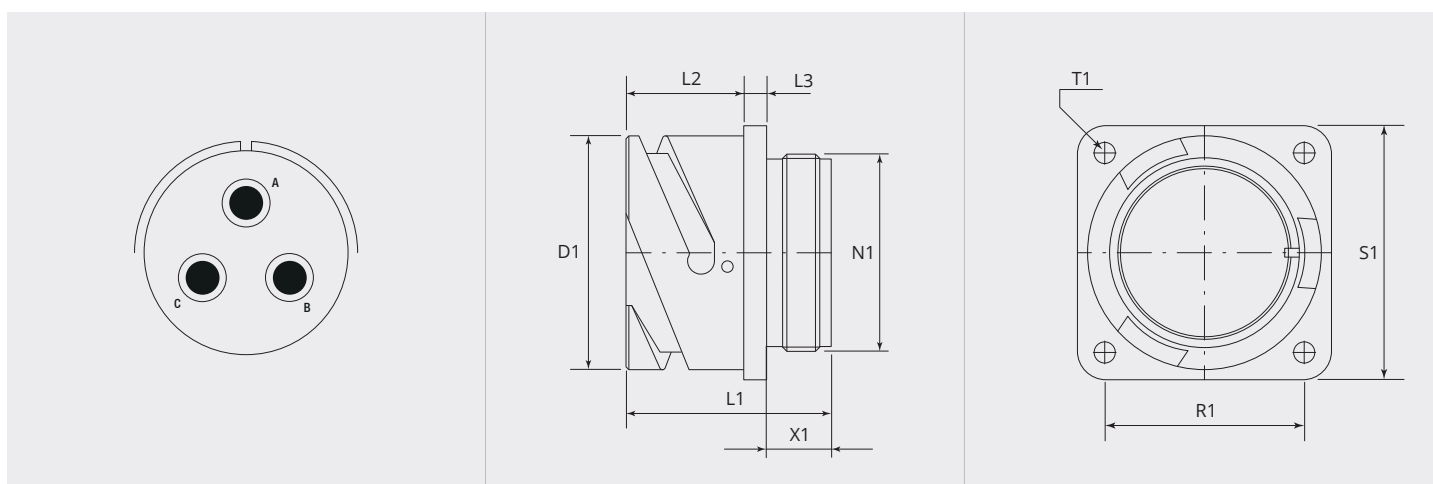
Size 8H - maximum current (short-term) [A]: 90

Size 8H - test current [A]: 72

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

|            |                   |
|------------|-------------------|
| D1 Ø [mm]: | 46.7              |
| L1 [mm]:   | 36.0              |
| L2 [mm]:   | 20.6              |
| L3 [mm]:   | 4.0               |
| N1:        | 1 5/8"-18 UNEF 2A |
| T1 [mm]:   | 3.7               |
| X1 [mm]:   | 9.0               |
| S1 [mm]:   | 50.8              |
| R1 [mm]:   | 39.7              |



- 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