



# Plug with rubber coated coupling nut, short version

Series GB

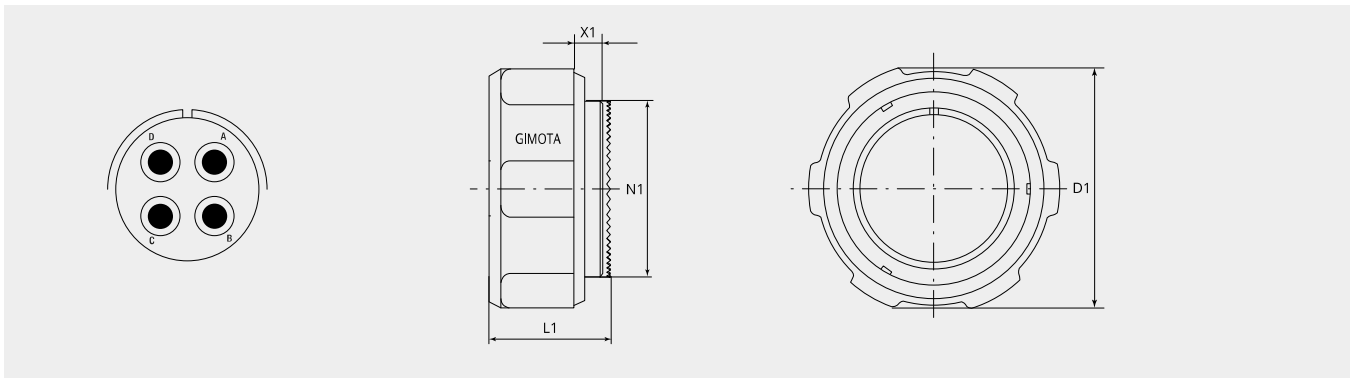
Item number: GB603-24-22PN-EAC

## Mechanical properties

|                                 |                    |
|---------------------------------|--------------------|
| Size:                           | 24                 |
| Contact type:                   | Pin                |
| Coding options:                 | 3                  |
| Number of contacts, size 8H:    | 4                  |
| 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                 |
| Material sealing ring:          | Silicone           |
| Coupling-torque to lock (Nm):   | max. 6.5           |
| Coupling-torque to open (Nm):   | min. 2.0           |

## Thermal properties

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Material contact insert:              | Ethylene acrylate GXF / thermoplastic |
| Operating temperature:                | -55°C - +150°C                        |
| Fire protection class DIN EN 45545-2: | R23/HL3                               |



## Dimensional drawing

|                 |                   |
|-----------------|-------------------|
| <b>D1 (Ø):</b>  | 58.0              |
| <b>L1 (mm):</b> | 36                |
| <b>N1:</b>      | 1 3/8"-18 UNEF 2A |
| <b>X1 (mm):</b> | 9                 |

## Electrical properties

|                                                       |              |
|-------------------------------------------------------|--------------|
| <b>Operating voltage DC (V):</b>                      | 1250         |
| <b>Operating voltage AC (V):</b>                      | 900          |
| <b>Test voltage AC (V):</b>                           | 2800         |
| <b>Insulation resistance (<math>\Omega</math> m):</b> | $\geq 5000$  |
| <b>Insulation creepage distance (mm):</b>             | $\geq 4.8$   |
| <b>Voltage class:</b>                                 | MIL-DTL-5015 |

## Electrical properties contacts

|                                       |    |
|---------------------------------------|----|
| <b>Size 8H - nominal current (A):</b> | 56 |
| <b>Size 8H - maximal current (A):</b> | 90 |
| <b>Size 8H - test current (A):</b>    | 72 |