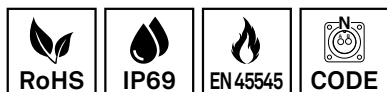


# Receptacle with threaded coupling, front panel mount

Series GT

Item number: GT210-10SL-3SN-EAC

Packing unit: 1



## MECHANICAL PROPERTIES

|                                           |                    |
|-------------------------------------------|--------------------|
| Size:                                     | 10SL               |
| Contact type:                             | Socket             |
| Number of contacts:                       | 3                  |
| Number of contacts, size 16s:             | 3                  |
| 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. 1.7       |
| Coupling-torque to open [Nm]: | min. 0.45      |

## 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):        | ≥ 5000       |
| Insulation creepage distance [mm]: | ≥ 3.2        |
| Voltage class:                     | MIL-DTL-5015 |

## ELECTRICAL PROPERTIES CONTACTS

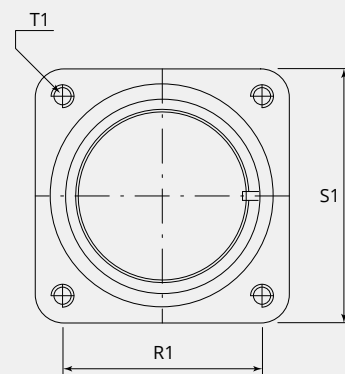
|                                              |    |
|----------------------------------------------|----|
| Size 16S - rated current (continuous) [A]:   | 13 |
| Size 16S - maximum current (short-term) [A]: | 22 |
| Size 16S - test current [A]:                 | 20 |

## STANDARDS

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

|            |                 |
|------------|-----------------|
| D1 Ø [mm]: | 18.2            |
| L1 [mm]:   | 30.0            |
| L2 [mm]:   | 18.2            |
| L3 [mm]:   | 2.8             |
| N1:        | 5/8"-24 UNEF 2A |
| N2:        | 5/8"-24 UNEF 2A |
| T1 [mm]:   | 3.2             |

## DIMENSIONS

|          |      |
|----------|------|
| X1 [mm]: | 9.0  |
| S1 [mm]: | 25.4 |
| R1 [mm]: | 18.2 |

- 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

## Socket contact size 16S, 0.25 - 0.5mm<sup>2</sup>

Item number: 10-40552-05AU

Product weight (kg): 0.0001 kg

Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|               |        |
|---------------|--------|
| Contact type: | Socket |
|---------------|--------|

|                                   |    |
|-----------------------------------|----|
| Maximum current (short-term) [A]: | 22 |
|-----------------------------------|----|

|                   |    |
|-------------------|----|
| Test current [A]: | 20 |
|-------------------|----|

|                                 |    |
|---------------------------------|----|
| Rated current (continuous) [A]: | 13 |
|---------------------------------|----|

|                   |          |
|-------------------|----------|
| Contact Material: | CU alloy |
|-------------------|----------|

|                   |                    |
|-------------------|--------------------|
| Protective layer: | Gold plated, 0.5µm |
|-------------------|--------------------|

|                  |       |
|------------------|-------|
| Connection type: | Crimp |
|------------------|-------|

|                                  |            |
|----------------------------------|------------|
| Wire section [mm <sup>2</sup> ]: | 0.25 - 0.5 |
|----------------------------------|------------|

|                     |         |
|---------------------|---------|
| Wire section [AWG]: | 22 - 20 |
|---------------------|---------|

|                        |   |
|------------------------|---|
| Stripping length [mm]: | 7 |
|------------------------|---|

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 3.1  |
| D2 Ø [mm]: | 2.15 |
| d1 Ø [mm]: | 1.1  |
| d2 Ø [mm]: | 1.6  |
| L1 [mm]:   | 27   |
| T1 [mm]:   | 6.4  |

## Socket contact size 16S, 0.75 - 1.5mm<sup>2</sup>

Item number: 10-40552AU

Product weight (kg): 0.0009 kg

Packing unit:



### MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 22

Test current [A]: 20

Rated current (continuous) [A]: 13

Contact Material: CU alloy

Protective layer: Gold plated, 0.5µm

Connection type: Crimp

Wire section [mm<sup>2</sup>]: 0.75 - 1.5

Wire section [AWG]: 16

Stripping length [mm]: 7

## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 3.1  |
| D2 Ø [mm]: | 2.62 |
| d1 Ø [mm]: | 1.75 |
| d2 Ø [mm]: | 1.6  |
| L1 [mm]:   | 27   |
| T1 [mm]:   | 6.4  |