

Receptacle, front panel mount

Series GB

Item number:	GB210-16-10PN-EAC
Product weight (kg):	0.0247 kg
Packing unit:	1



MECHANICAL PROPERTIES

Size:	16
Contact type:	Pin
Number of coding options:	3
Number of contacts:	3
Number of contacts, size 12:	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. 2.0

Coupling-torque to open [Nm]: min. 0.63

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 12 - rated current (continuous) [A]: 23

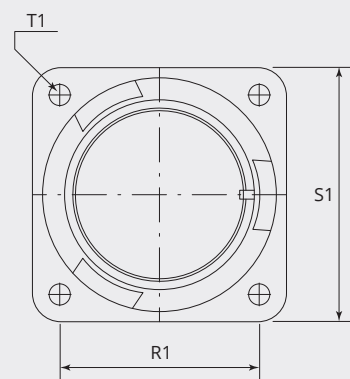
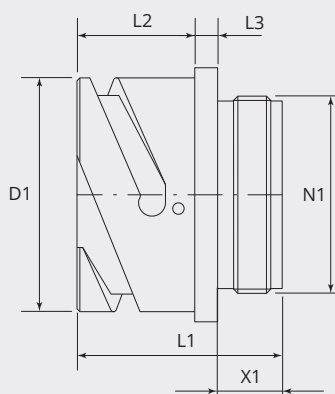
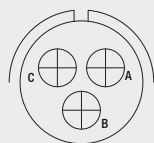
Size 12 - maximum current (short-term) [A]: 41

Size 12 - test current [A]: 35

Fire protection class EN 45545-2:

R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	27.4
L1 [mm]:	34.0
L2 [mm]:	19.0
L3 [mm]:	3.2
N1:	7/8"-20 UNEF 2A
T1 [mm]:	3.2
X1 [mm]:	9.0
S1 [mm]:	32.5
R1 [mm]:	24.6



- 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