

Receptacle, front panel mount

Series GB

Item number: GB211-14S-A7PN-EAE-A01

Packing unit: 1



MECHANICAL PROPERTIES

Size:	14S
Contact type:	Pin
Number of contacts:	7
Number of contacts, size 16s:	7
Shell material:	Aluminum alloy
Surface:	Electroless nickel
Thickness of surface treatment [μ]:	12-15 μ
Surface colour:	Blank
Corrosion resistance [h]:	48
Operation temperature [$^{\circ}$ C]:	-55 - +125

MECHANICAL PROPERTIES

Conductivity (MΩ):	≤ 0.5
EMI:	Yes
Coupling-torque to lock [Nm]:	max. 1.8
Coupling-torque to open [Nm]:	min. 0.55

THERMAL PROPERTIES

Material contact insert:	Ethylene acrylate GXF
Operating temperature insert [°C]:	-55 - +150

ELECTRICAL PROPERTIES

Operating voltage DC [V]:	250
Operating voltage AC [V]:	200
Test voltage AC [V]:	1000
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 1.6
Voltage class:	MIL-DTL-5015

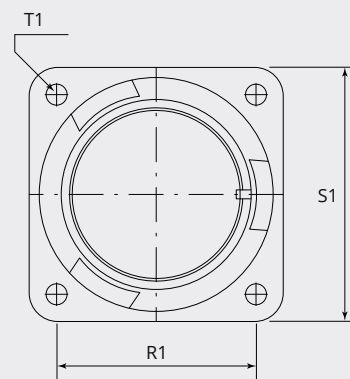
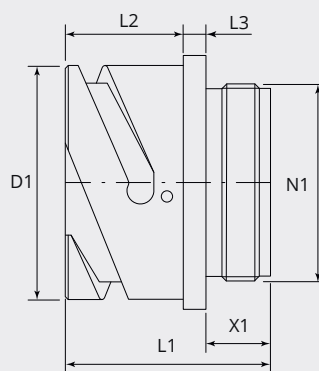
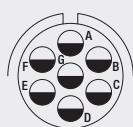
ELECTRICAL PROPERTIES CONTACTS

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

Fire protection class EN 45545-2:

R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	27.4
L1 [mm]:	30.0
L2 [mm]:	18.2
L3 [mm]:	3.2
N1:	3/4"-20 UNEF 2A
T1 [mm]:	M3
X1 [mm]:	9.0
S1 [mm]:	30.2
R1 [mm]:	23



- 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