

Receptacle, front panel mount

Series GB

Item number: GB210-16-9SN-EAC

Packing unit: 1



MECHANICAL PROPERTIES

Size:	16
Contact type:	Socket
Number of coding options:	4
Number of contacts:	4
Number of contacts, size 12:	2
Number of contacts, size 16:	2
Number of contacts, size 16s:	2
Shell material:	Aluminum alloy
Surface:	Epoxy-polyurethane
Type of surface:	Varnished
Thickness of surface treatment [μ]:	13-16 μ
Surface colour:	Black
Corrosion resistance [h]:	500

MECHANICAL PROPERTIES

Operation temperature [°C]:	-55 - +125
Temperature shock [°C]:	-55 - +125
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

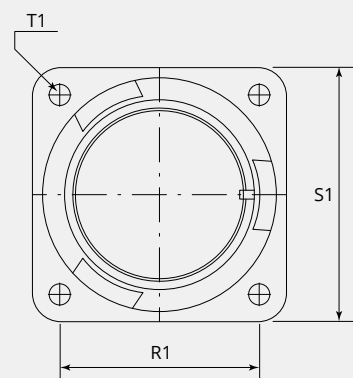
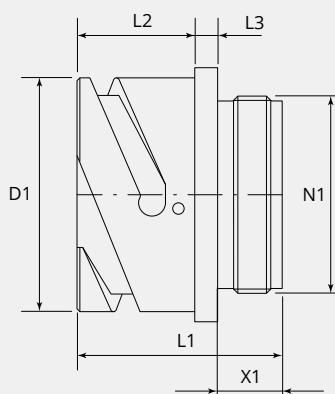
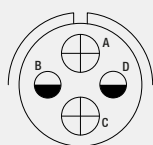
Operating voltage DC [V]:	700
Operating voltage AC [V]:	500
Test voltage AC [V]:	2000
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 3.2
Voltage class:	MIL-DTL-5015

ELECTRICAL PROPERTIES CONTACTS

Size 12 - rated current (continuous) [A]:	23
Size 12 - maximum current (short-term) [A]:	41
Size 12 - test current [A]:	35
Size 16 - rated current (continuous) [A]:	13
Size 16 - maximum current (short-term) [A]:	22
Size 16 - test current [A]:	20
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
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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

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- 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