

Receptacle, front panel mount

Series GB

Item number: GB210-40-A8SN-EAC

Packing unit: 1



MECHANICAL PROPERTIES

Size:	40
Contact type:	Socket
Number of coding options:	4
Number of contacts:	8
Number of contacts, size 0:	4
Number of contacts, size 16:	4
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
Operation temperature [°C]:	-55 - +125

MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ): Non conductive

EMI: No

Coupling-torque to lock [Nm]: max. 10.0

Coupling-torque to open [Nm]: min. 5.9

THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF

Operating temperature insert [°C]: -55 - +150

ELECTRICAL PROPERTIES

Operating voltage DC [V]: 1750

Operating voltage AC [V]: 1250

Test voltage AC [V]: 3500

Insulation resistance (MΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 6.3

Voltage class: MIL-DTL-5015

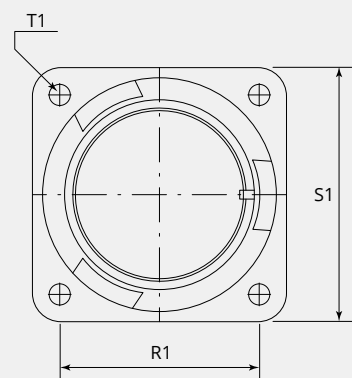
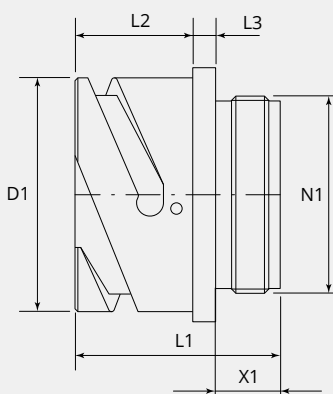
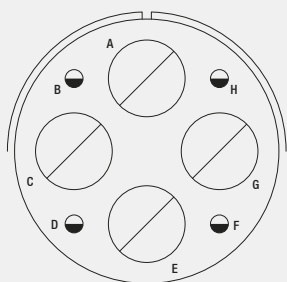
ELECTRICAL PROPERTIES CONTACTS

Size 0 - rated current (continuous) [A]:	150
Size 0 - maximum current (short-term) [A]:	245
Size 0 - test current [A]:	200
Size 0* - rated current (continuous) [A]:	200
Size 0* - maximum current (short-term) [A]:	300
Size 0* - test current [A]:	240
Size 16 - rated current (continuous) [A]:	13
Size 16 - maximum current (short-term) [A]:	22
Size 16 - test current [A]:	20

Fire protection class EN 45545-2:

R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	66
L1 [mm]:	37.5
L2 [mm]:	22.2
L3 [mm]:	4.0
N1:	2 5/16"-16 UN 2A
T1 [mm]:	4.3
X1 [mm]:	11.3
S1 [mm]:	69.8
R1 [mm]:	55.6

- 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