



Receptacle, front panel mount

Series GB

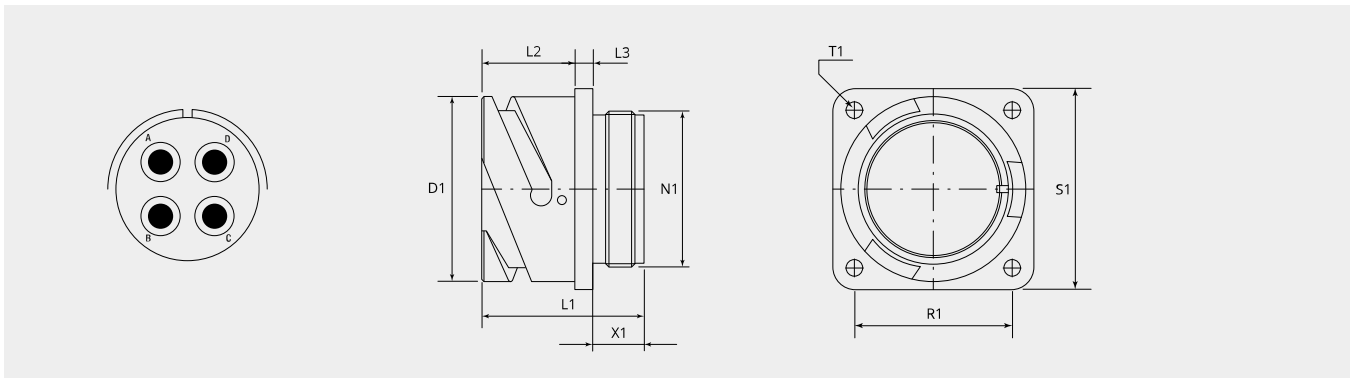
Item number: GB210-24-22SN-EAC

Mechanical properties

Size:	24
Contact type:	Socket
Coding options:	3
Number of contacts, size 8H:	4
Shell material:	Aluminum alloy
Surface treatment:	Epoxy-polyurethane
Type of surface:	varnished
Thickness of surface treatment:	13-16µ
Surface colour:	black
Corrosion resistance (h):	500
Operation temperature:	-55°C - +125°C
Temperature shock:	-55°C - +125°C
Conductivity (MΩ):	non conductive
EMI:	No
Coupling-torque to lock (Nm):	max. 6.5
Coupling-torque to open (Nm):	min. 2.0

Thermal properties

Material contact insert:	Ethylene acrylate GXF
Operating temperature:	-55°C - +150°C
Fire protection class DIN EN 45545-2:	R23/HL3



Dimensional drawing

D1 (Ø):	41.0
L1 (mm):	36.0
L2 (mm):	20.6
L3 (mm):	4.0
N1:	1 3/8"-18 UNEF 2A
T1 (mm):	3.7
X1 (mm):	9.0
S1 (mm):	44.5
R1 (mm):	35.0

Electrical properties

Operating voltage DC (V):	1250
Operating voltage AC (V):	900
Test voltage AC (V):	2800
Insulation resistance (Ω m):	≥ 5000
Insulation creepage distance (mm):	≥ 4.8
Voltage class:	MIL-DTL-5015

Electrical properties contacts

Size 8H - nominal current (A):	56
Size 8H - maximal current (A):	90
Size 8H - test current (A):	72

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

Complementary products:

Counterpart:



GB60-24-22PN-EAC

Plug with bayonet coupling nut



GB603-24-22PN-EAC

Plug with rubber coated coupling nut, short version

Backshell:



BEN24-AC

90° elbow back shell



BEN24-M5B-AC

90° elbow back shell with internal metric thread



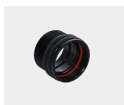
BSH24-AC

Back shell with groove for heatshrinkable shapes



BSL24-AC

Backshell straight, long



BSN24-AC

Back shell straight, standard



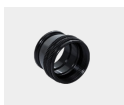
BSN24-M5B-AC

Backshell straight with internal metric thread



BSR24-18-AC

Reducer back shell



BST24-AC

Termination back shell type R for grommets

Cable termination:



10-350349K-2432

Synthetic cable clamp

Contacts:



10-40796-18AG

Socket contact size 8H, 1.5mm²



10-40796-22AG

Socket contact size 8H, 2.5mm²



10-40796-38AG

Socket contact size 8H, 6.0mm²



10-40796-50AG

Socket contact size 8H, 10mm²

Filler plugs:



10-101033-141

Filler plug, size 8H

Protection cap:



PR24-AC

Metallic protection cap to bayonet receptacle (GB, GR & GS)



PR24-D

Plastic protection cap to bayonet receptacles (GB, GR & GS)