



Receptacle, front panel mount

Series GB

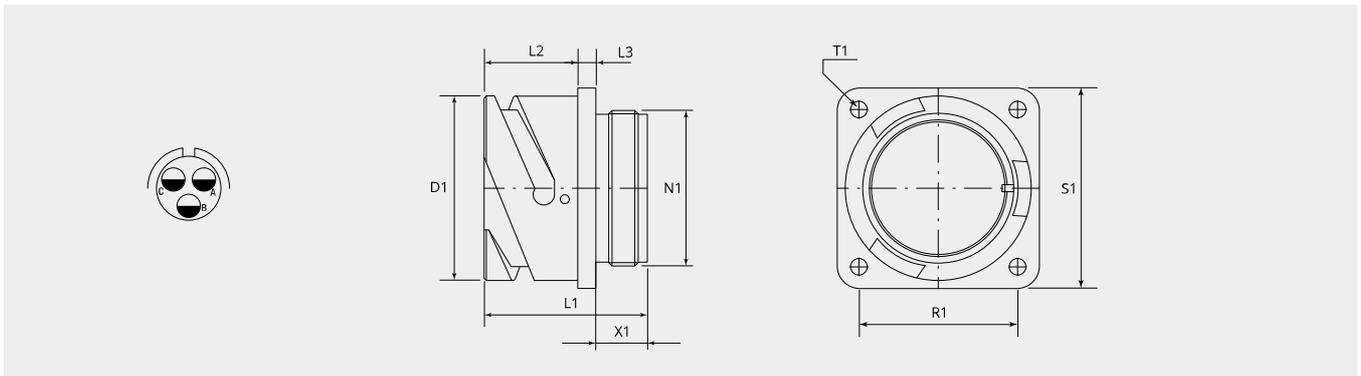
Item number: GB210-10SL-3PN-EAC

Mechanical properties

Size:	10SL
Contact type:	Pin
Shell material:	Aluminum alloy
Surface treatment:	Epoxy-polyurethane
Type of surface:	varnished
Thickness of surface treatment:	13-16 μ
Surface colour:	black
Corrosion resistance (h):	500
Operation temperature:	-55°C - +125°C
Temperature shock:	-55°C - +125°C
Conductivity (M Ω):	non conductive
EMI:	No
Coupling-torque to lock (Nm):	max. 1.7
Coupling-torque to open (Nm):	min. 0.45

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 (∅):	18.2
L1 (mm):	25.0
L2 (mm):	14.2
L3 (mm):	2.8
N1:	5/8"-24 UNEF 2A
T1 (mm):	3.2
X1 (mm):	9.0
S1 (mm):	25.4
R1 (mm):	18.2

Electrical properties

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

Electrical properties contacts

Size 16S - nominal current (A):	13
Size 16S - maximal current (A):	22
Size 16S - test current (A):	20

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:



GB60-10SL-3SN-EAC

Plug with bayonet coupling nut

Backshell:



BEN10-M1B-AC

90° elbow back shell with internal metric thread



BSH10-AC

Back shell with groove for heatshrinkable shapes



BSL10-AC

Back shell straight, long



BSN10-M1B-AC

Back shell straight with internal metric thread



BST10-AC

Termination back shell type R for grommets

Contacts:



10-40553-05AU

Pin contact size 16S, 0.25 - 0.5mm²



10-40553AU

Pin contact size 16S, 0.75 - 1.5mm²

Filler plugs:



10-101033-121

Filler plug, size 16/16S

Protection cap:



PR10SL-AC

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



PR10SL-D

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

Accessory:



10-40450-10

Sealing gasket for receptacle, front panel mount