



Receptacle, front panel mount

Series GB

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

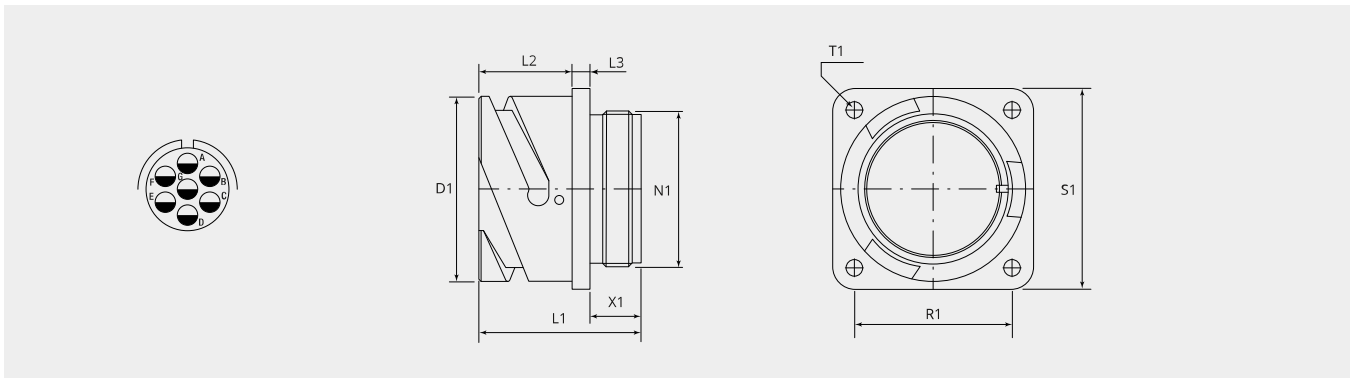
Packing unit: 1

Mechanical properties

Size:	14S
Contact type:	Pin
Shell material:	Aluminum alloy
Surface treatment:	Electroless nickel
Thickness of surface treatment:	12-15μ
Surface colour:	blank
Corrosion resistance (h):	48
Operation temperature:	-55°C - +125°C
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:	-55°C - +150°C
Fire protection class DIN EN 45545-2:	R23/HL3



Dimensional drawing

D1 (Ø):	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):	23.0

Electrical properties

Operating voltage DC (V):	250
Operating voltage AC (V):	200
Test voltage AC (V):	1000
Insulation resistance (Ω m):	≥ 5000
Insulation creepage distance (mm):	≥ 1.6
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:



GB601-14S-A7SN-EAE

Plug with bayonet coupling nut, for EMI applications

Backshell:



EC-14-05-AE

EMI adapter with shielding sleeve



EC-14-06-AE

EMI adapter with shielding sleeve



EC-14-09-AE

EMI adapter with shielding sleeve

Contacts:



10-40553-05AU

Pin contact size 16S, 0.25 - 0.5mm²



10-40553AU

Pin contact size 16S, 0.75 - 1.5mm²

Protection cap:



PR14S-D

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

Accessory:



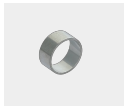
FTH08-04

Heatshrinkable shape, straight, with adhesive



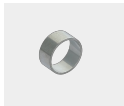
FTH11-06

Heatshrinkable shape, straight, with adhesive



SUGSC297

Shielding sleeve suitable for



SUGSC500

Shielding sleeve suitable for