



Jam nut receptacle

Series GB

Item number: GB72-14SZ-10PN-EAA

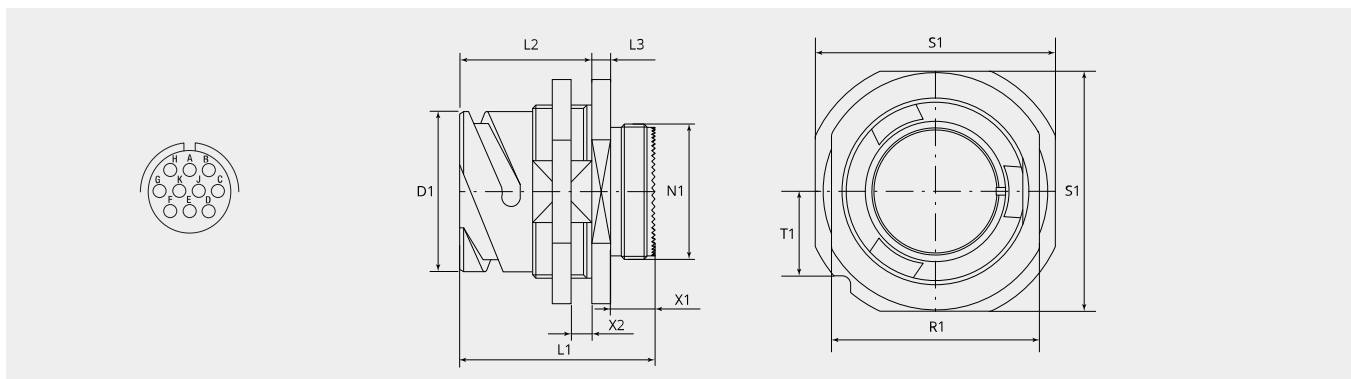
Packing unit: 1

Mechanical properties

Size:	14S
Contact type:	Pin
Coding options:	0
Shell material:	Aluminum alloy
Surface treatment:	Zinc
Type of surface:	passivated
Thickness of surface treatment:	12-15μ
Surface colour:	black
Corrosion resistance (h):	200
Operation temperature:	-55°C - +90°C
Temperature shock:	-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):	24.6
L1 (mm):	39.8
L2 (mm):	26.8
L3 (mm):	4.8
N1:	3/4"-20 UNEF 2A
T1 (mm):	14.6
X1 (mm):	9.0
X2 (mm):	2.4 - 7.5
S1 (mm):	41.3
R1 (mm):	33.0

Electrical properties

Operating voltage DC (V):	750
Operating voltage AC (V):	600
Test voltage AC (V):	1500
Insulation resistance (Ω m):	≥ 5000

Electrical properties contacts

Size 20 - nominal current (A):	7.5
Size 20 - maximal current (A):	7.5
Size 20 - test current (A):	9

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:



GB604-14SZ-10SN-EAA

Plug with rubber coated coupling nut, for EMI applications

Backshell:



BEN14-AA

90° elbow backshell



EII14S-04-AA

EMI adapter with IRIS- spring and strain relief



EII14S-05-AA

EMI adapter with IRIS- spring and strain relief



EII14S-09-AA

EMI adapter with IRIS- spring and strain relief

Contacts:



10-40549-05AU

Pin contact size 20, 0.5mm²

Protection cap:



PR14S-AA

Metallic protection cap for bayonet receptacles (GB,GR & GS)



PR14S-D

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