

Plug with bayonet coupling nut, for EMI applications

Series GB



Item number: GB601-14SZ-10PN-EAE

Net weight: 0.0172 kg

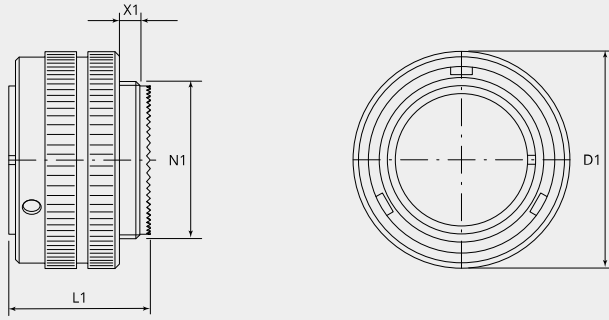
Packing unit: 1

Mechanical properties

Size:	14S
Contact type:	Pin
Number of contacts, size 20:	10
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
Material sealing ring:	Ethylene acrylate GXF
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):	30.0
L1 (mm):	24.6
N1:	3/4"-20 UNEF 2A
X1 (mm):	9.0

Electrical properties

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

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:



GB211-14SZ-10SN-EAE-A01
Receptacle, front panel mount

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:



10-40549-05AU
Pin contact size 20, 0.5mm²

Protection cap:



PP14S-D
Plastic protection cap to bayonet plugs (GB, GR & GS)

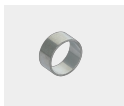
Accessory:



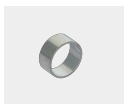
FTH08-04
Heatshrinkable shape, straight, with adhesive



FTH11-06
Heatshrinkable shape, straight, with adhesive



SUGSC297
Shielding sleeve suitable for



SUGSC500
Shielding sleeve suitable for