Plug with bayonet coupling nut, for EMI applications

Series GB

Item number:	GB601-14S-A7SN-EAE
Packing unit:	1

RoHS | IP69 | EMC | EN 45545 | CODE

MECHANICAL PROPERTIES

Size:	14S
Contact type:	Socket
Number of contacts:	7
Number of contacts, size 16s:	7
Shell material:	Aluminum alloy
Surface:	Electroless nickel
Thickness of surface treatment [µ]:	12-15µ
Surface colour:	Blank
Corrosion resistance [h]:	48
Operation temperature [°C]:	-55 - +125
Conductivity (MΩ):	≤ 0.5

MECHANICAL PROPERTIES

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 insert [°C]:	-55 - +150

ELECTRICAL PROPERTIES

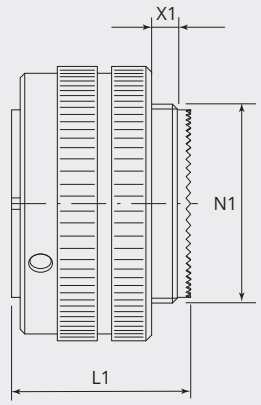
Operating voltage DC [V]:	250
Operating voltage AC [V]:	200
Test voltage AC [V]:	1000
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 1.6
Voltage class:	MIL-DTL-5015
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 1.6

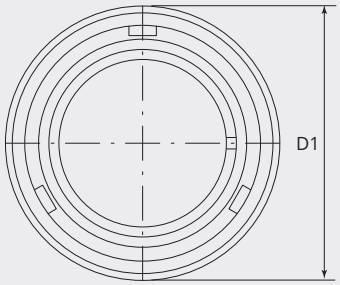
ELECTRICAL PROPERTIES CONTACTS

Size 16S - rated current (continuous) [A]:	13
Size 16S - maximum current (short-term) [A]:	22
Size 16S - test current [A]:	20

Fire protection class EN 45545-2:	R23/HL3

DIMENSIONS





DIMENSIONS

D1 Ø [mm]:	30
L1 [mm]:	24.6
N1:	3/4“-20 UNEF 2A
X1 [mm]:	9.0

· Please contact your Gimota partner for other shell materials, surface coatings or contact insert materials.
Voltage classes tested acc. MIL-DTL-5015Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 /
· 37Corrosion resistance tested acc. MIL 1344A Test 101.1Temperature shock tested acc. MIL 202F, 107G MethodElectrical conductivity acc. MIL 1344A, Test 3007