Plug with bayonet coupling nut, for EMI applications

Series GS

Item number:	GS601-32-31PN-EAA
Packing unit:	1

RoHS | IP69 | EMC | EN 45545 | CODE

MECHANICAL PROPERTIES

Size:	32
Contact type:	Pin
Number of coding options:	4
Number of contacts:	31
Number of contacts, size 16:	31
Shell material:	Aluminum alloy
Surface:	Zinc
Type of surface:	Passivated
Thickness of surface treatment [µ]:	12-15µ
Surface colour:	Black
Corrosion resistance [h]:	200
Operation temperature [°C]:	-55 - +90

MECHANICAL PROPERTIES

Temperature shock [°C]:	-55 - +125
Conductivity (MΩ):	≤ 0.5
EMI:	Yes
Coupling-torque to lock [Nm]:	max. 8.0
Coupling-torque to open [Nm]:	min. 3.6

THERMAL PROPERTIES

Material contact insert:	Ethylene acrylate GXF
Operating temperature insert [°C]:	-55 - +150

ELECTRICAL PROPERTIES

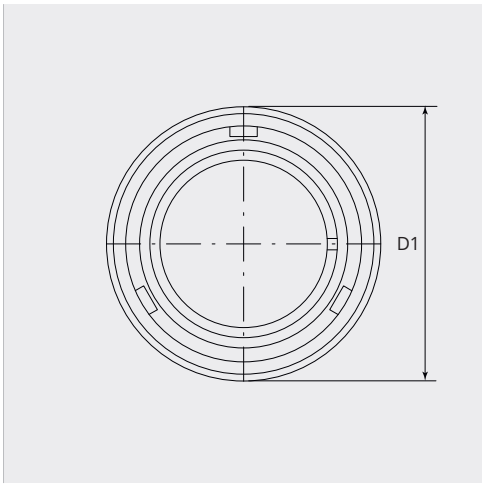
Operating voltage AC [V]:	130/250
Insulation resistance (mΩ):	≥ 5000
Voltage class:	SEV-EN60998-1
Contact numbers:	All
Operating voltage DC [V]:	700
Operating voltage AC [V]:	500
Test voltage AC [V]:	2000
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 3.2
Voltage index:	MIL-DTL-5015

ELECTRICAL PROPERTIES CONTACTS

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

Fire protection class EN 45545-2:	R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	60
L1 [mm]:	38.0
N1:	1 7/8“-16 UN 2A
X1 [mm]:	10.5

· 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