

Cable receptacle

Series GS

Item number: GS11-24-07SN-EAA

Packing unit: 1



MECHANICAL PROPERTIES

Size:	24
Contact type:	Socket
Number of coding options:	2
Number of contacts:	7
Number of contacts, size 12:	7
Shell material:	Aluminum alloy
Surface:	Zinc
Type of surface:	Passivated
Thickness of surface treatment [μ]:	12-15 μ
Surface colour:	Black
Corrosion resistance [h]:	200
Operation temperature [°C]:	-55 - +90
Temperature shock [°C]:	-55 - +125

MECHANICAL PROPERTIES

Conductivity (MΩ): ≤ 0.5

EMI: Yes

Coupling-torque to lock [Nm]: max. 6.5

Coupling-torque to open [Nm]: min. 2.0

THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF

Operating temperature insert [°C]: -55 - +150

ELECTRICAL PROPERTIES

Operating voltage AC [V]: 130/250*

Voltage class: SEV-EN60998-1

Contact numbers: All

Operating voltage DC [V]: 1250

Operating voltage AC [V]: 900

Test voltage AC [V]: 2800

Insulation resistance (mΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 4.8

Voltage index: MIL-DTL-5015

ELECTRICAL PROPERTIES CONTACTS

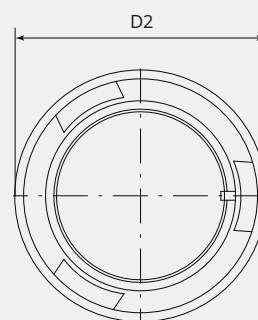
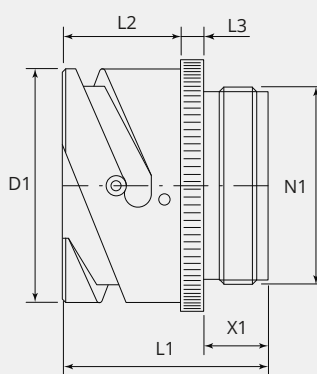
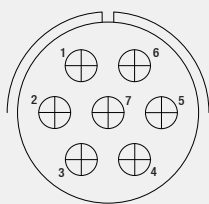
Size 12 - rated current (continuous) [A]: 23

Size 12 - maximum current (short-term) [A]: 41

Size 12 - test current [A]: 35

Fire protection class EN 45545-2: R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]: 41

D2 Ø [mm]: 44.0

L1 [mm]: 36.0

DIMENSIONS

L2 [mm]:	20.6
L3 [mm]:	4.0
N1:	1 3/8"-18 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-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