GIMOTA

Cable receptacle

Series GS

Item number: GS11-32-1PN-EAA

Packing unit: 1

Mechanical properties

Size:	32
Contact type:	Pin
Coding options:	4
Number of contacts, size 0:	2
Number of contacts, size 12:	3
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. 8.0
Coupling-torque to open (Nm):	min. 3.6

Thermal properties

Material contact insert:	Ethylene acrylate GXF
Operating temperature:	-55°C - +150°C
Fire protection class DIN EN 45545-2:	R23/HL3

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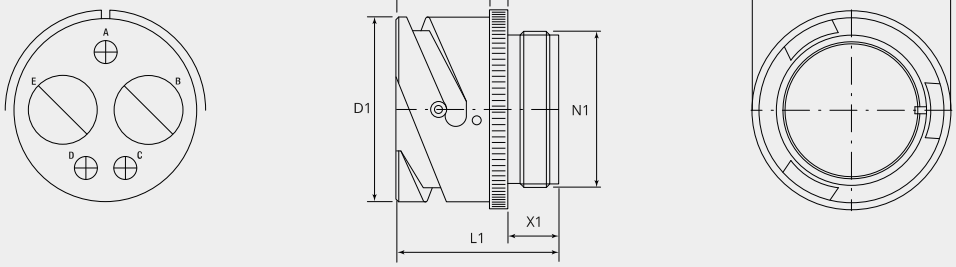

Dimensional drawing

D1 (Ø):	53.5
D2 (Ø):	56.0
L1 (mm):	37.5
L2 (mm):	22.0
L3 (mm):	4.0
N1:	1 7/8"-16 UN 2A
X1 (mm):	10.5

Electrical properties

Contact numbers:	A
Operating voltage DC (V):	1750
Operating voltage AC (V):	1250
Test voltage AC (V):	3500
Insulation resistance (Ω m):	≥ 5000
Insulation creepage distance (mm):	≥ 6.3
Voltage class:	MIL-DTL-5015
Contact numbers:	Rest
Operating voltage DC (V):	1250
Operating voltage AC (V):	900
Test voltage AC (V):	2800
Insulation resistance (Ω m):	≥ 5000
Insulation creepage distance (mm):	≥ 4.8
Voltage class:	MIL-DTL-5015

Electrical properties contacts

Size 0 - nominal current (A):	200
Size 0 - maximal current (A):	300
Size 0 - test current (A):	240
Size 12 - nominal current (A):	23
Size 12 - maximal current (A):	41
Size 12 - test current (A):	35

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