

MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ): Non conductive

EMI: No

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 DC [V]: 700

Operating voltage AC [V]: 500

Test voltage AC [V]: 2000

Insulation resistance (MΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 3.2

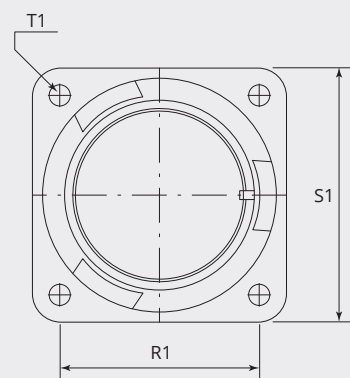
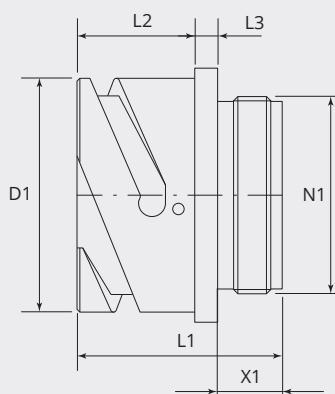
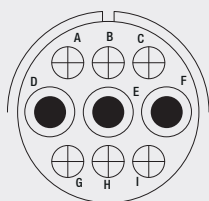
Voltage class: MIL-DTL-5015

ELECTRICAL PROPERTIES CONTACTS

Size 8H - rated current (continuous) [A]:	56
Size 8H - maximum current (short-term) [A]:	90
Size 8H - test current [A]:	72
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
L1 [mm]:	36.0
L2 [mm]:	20.6
L3 [mm]:	4.0
N1:	1 3/8"-18 UNEF 2A
T1 [mm]:	3.7
X1 [mm]:	9.0
S1 [mm]:	44.5
R1 [mm]:	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