

Receptacle with flange

GU Series (Jumbo)

Item number: GU310-48-4PN-TAC

Packing unit:



MECHANICAL PROPERTIES

Size:	48
Contact type:	Pin
Number of contacts:	4
Number of contacts, size 4/0:	4
Shell material:	Aluminum alloy
Surface:	Epoxy-polyurethane
Type of surface:	Varnished
Thickness of surface treatment [μ]:	13-16 μ
Surface colour:	Black
Corrosion resistance [h]:	500
Operation temperature [$^{\circ}$ C]:	-55 - +125
Temperature shock [$^{\circ}$ C]:	-55 - +125

MECHANICAL PROPERTIES

Conductivity (MΩ):	Non conductive
Material sealing ring:	Silicone
Coupling-torque to lock [Nm]:	max. 10.0
Coupling-torque to open [Nm]:	min. 5.9

THERMAL PROPERTIES

Material contact insert:	Thermoplastic
Operating temperature insert [°C]:	-40 - +130

ELECTRICAL PROPERTIES

Operating voltage DC [V]:	1250
Operating voltage AC [V]:	900
Test voltage AC [V]:	2800
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 4.8mm

ELECTRICAL PROPERTIES CONTACTS

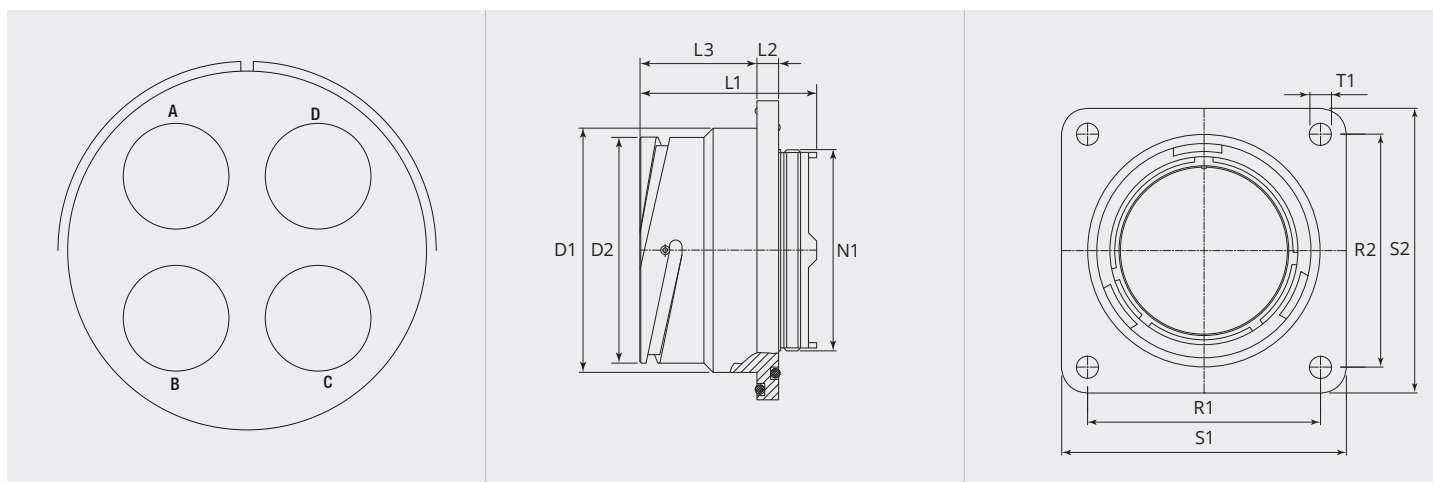
Size 4/0 - rated current (continuous) [A]:	225
Size 4/0 - maximum current (short-term) [A]:	350
Size 4/0 - test current [A]:	225

STANDARDS

Fire protection class NF F 16-101 / NF F 16-102:

I3/F3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	90
D2 Ø [mm]:	84.0
d2 Ø [mm]:	84.0
L1 [mm]:	98.0
L2 [mm]:	8.0
L3 [mm]:	43.0
N1:	M74x1.5

DIMENSIONS

T1 [mm]: 8.5

S1 [mm]: 110

R1 [mm]: 90

- 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

Pin contact size 4/0, 70mm²

Item number: 10-660-4/0-70G10

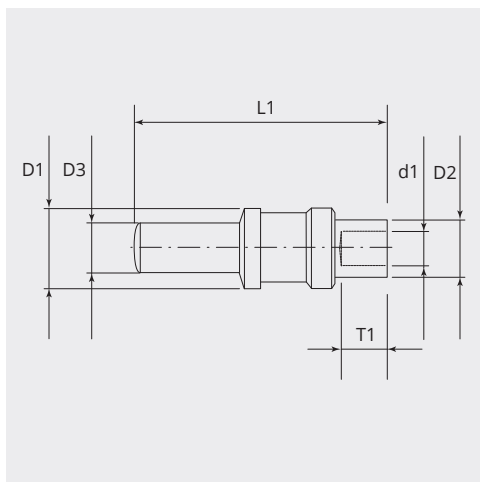
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	350
Test current [A]:	225
Rated current (continuous) [A]:	225
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	70
Stripping length [mm]:	30

DIMENSIONS



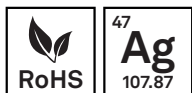
DIMENSIONS

D1 Ø [mm]:	20
D2 Ø [mm]:	20
D3 Ø [mm]:	12.7
d1 Ø [mm]:	14.4
L1 [mm]:	60
T1 [mm]:	28

Pin contact size 4/0, 95mm²

Item number: 10-660-4/0-95G10

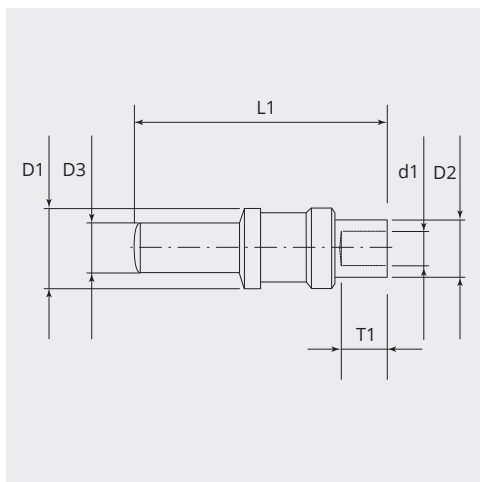
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	350
Test current [A]:	225
Rated current (continuous) [A]:	225
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	95
Stripping length [mm]:	30

DIMENSIONS



DIMENSIONS

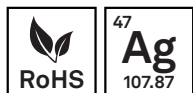
D1 Ø [mm]:	20
D2 Ø [mm]:	20
D3 Ø [mm]:	12.7
d1 Ø [mm]:	15.5
L1 [mm]:	60
T1 [mm]:	28

Pin contact size 4/0, 120mm²

Item number: 10-660-4/0-120G10

Product weight (kg): 0.152 kg

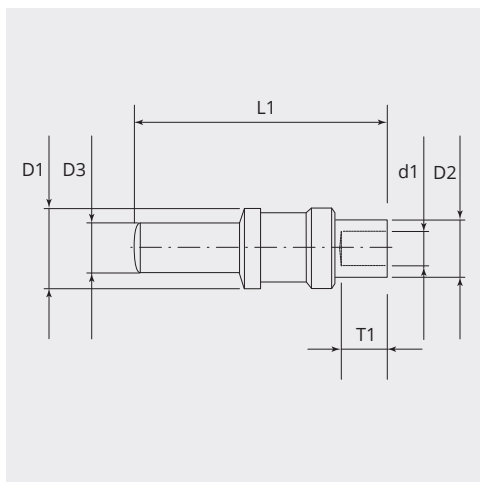
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	350
Test current [A]:	225
Rated current (continuous) [A]:	225
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	120
Stripping length [mm]:	33

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	20
D2 Ø [mm]:	20
D3 Ø [mm]:	12.7
d1 Ø [mm]:	16.5
L1 [mm]:	63
T1 [mm]:	31