

Receptacle with threaded coupling, front panel mount

Series GT

Item number: GT210-40-A14SN-EAC

Packing unit: 1



MECHANICAL PROPERTIES

Size:	40
Contact type:	Socket
Number of coding options:	3
Number of contacts:	14
Number of contacts, size 4:	8
Number of contacts, size 12:	6
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

MECHANICAL PROPERTIES

Operation temperature [°C]:	-55 - +125
Temperature shock [°C]:	-55 - +125
Conductivity (MΩ):	Non conductive
EMI:	No
Coupling-torque to lock [Nm]:	max. 10.0
Coupling-torque to open [Nm]:	min. 5.9

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

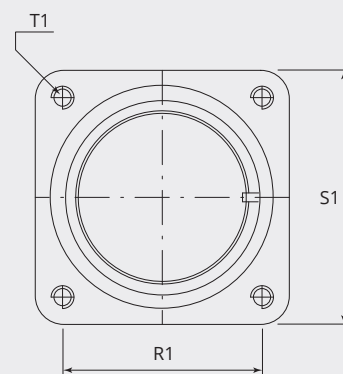
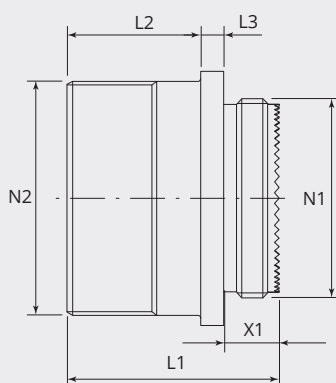
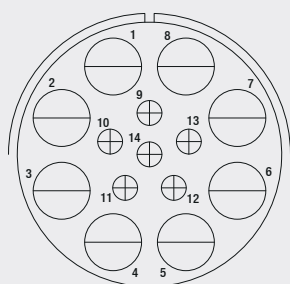
ELECTRICAL PROPERTIES CONTACTS

Size 4 - rated current (continuous) [A]:	80
Size 4 - maximum current (short-term) [A]:	135
Size 4 - test current [A]:	110
Size 12 - rated current (continuous) [A]:	23
Size 12 - maximum current (short-term) [A]:	41
Size 12 - test current [A]:	35

STANDARDS

Fire protection class EN 45545-2:	R23/HL3
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DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	66
L1 [mm]:	39.5
L2 [mm]:	24.1
L3 [mm]:	4.0
N1:	2 5/16"-16 UN 2A
N2:	2 1/2"-16 UN 2A
T1 [mm]:	4.3
X1 [mm]:	11.3
S1 [mm]:	69.8
R1 [mm]:	55.6

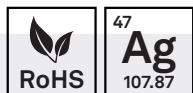
- Please contact your Gimota partner for other shell materials, surface coatings or contact insert materials.
- Voltage classes tested acc. MIL-DTL-5015 Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 / 37
- Corrosion resistance tested acc. MIL 1344A Test 101.1 Temperature shock tested acc. MIL 202F, 107G Method
- Electrical conductivity acc. MIL 1344A, Test 3007

Socket contact size 4, 6.0mm²

Item number: 10-903-4-6G10

Product weight (kg): 0.0153 kg

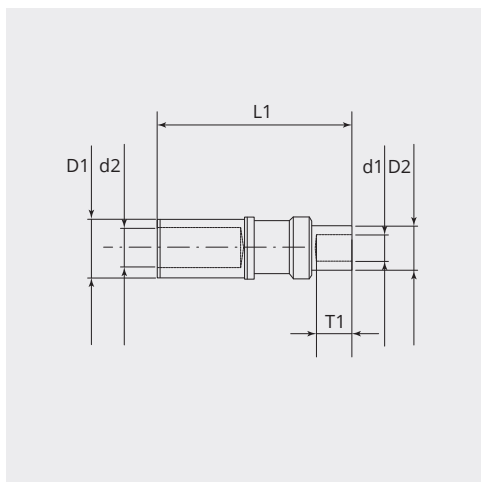
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	135
Test current [A]:	110
Rated current (continuous) [A]:	80
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	6
Wire section [AWG]:	8
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

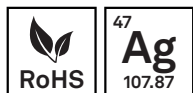
D1 Ø [mm]:	11
D2 Ø [mm]:	5.2
d1 Ø [mm]:	3.6
d2 Ø [mm]:	5.7
L1 [mm]:	41
T1 [mm]:	8.5

Socket contact size 4, 16mm²

Item number: 10-903-4-16G62

Product weight (kg): 0.0184 kg

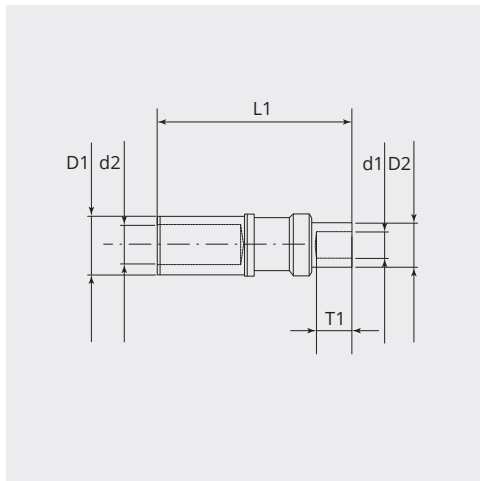
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	135
Test current [A]:	110
Rated current (continuous) [A]:	80
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	16
Stripping length [mm]:	13

DIMENSIONS



DIMENSIONS

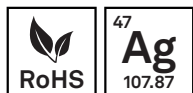
D1 Ø [mm]:	11
D2 Ø [mm]:	9.3
d1 Ø [mm]:	6.2
d2 Ø [mm]:	5.7
L1 [mm]:	41
T1 [mm]:	12.2

Socket contact size 4, 10mm²

Item number: 10-903-4-10G10

Product weight (kg): 0.016 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 135

Test current [A]: 110

Rated current (continuous) [A]: 80

Contact Material: CU alloy

Protective layer: Silver plated, 3.5µm

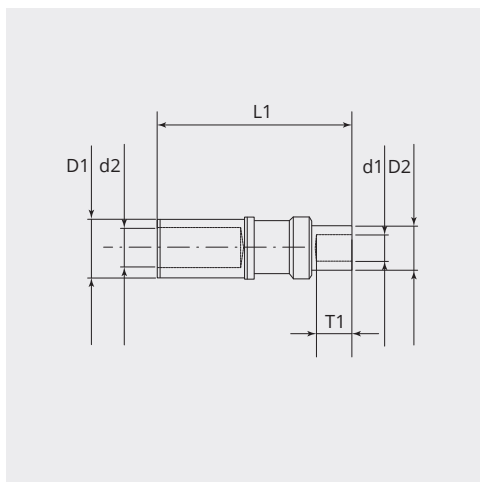
Connection type: Crimp

Wire section [mm²]: 10

Wire section [AWG]: 6

Stripping length [mm]: 13

DIMENSIONS



DIMENSIONS

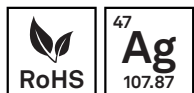
D1 Ø [mm]:	11
D2 Ø [mm]:	6.5
d1 Ø [mm]:	4.6
d2 Ø [mm]:	5.7
L1 [mm]:	41
T1 [mm]:	12.2

Socket contact size 4, 16mm²

Item number: 10-903-4-16G10

Product weight (kg): 0.0171 kg

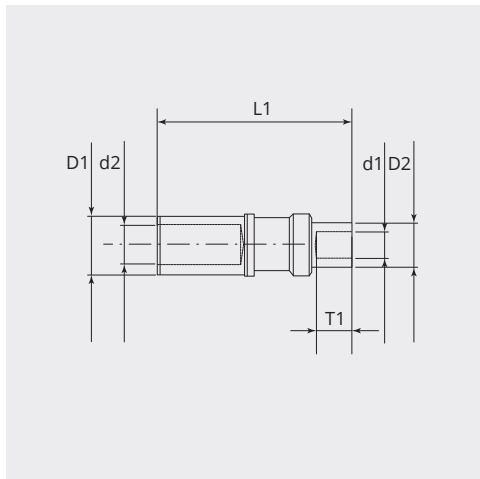
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	135
Test current [A]:	110
Rated current (continuous) [A]:	80
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	16
Wire section [AWG]:	4 - 3
Stripping length [mm]:	13

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	11
D2 Ø [mm]:	9.3
d1 Ø [mm]:	7
d2 Ø [mm]:	5.7
L1 [mm]:	41
T1 [mm]:	12.2