

Series GR

Packing unit: 1



Size: 24

Contact type: Socket

Number of coding options: 4

Number of contacts: 2

Number of contacts, size 4:	2
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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

MECHANICAL PROPERTIES

Temperature shock [°C]:	-55 - +125
Conductivity (MΩ):	≤ 0.5
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

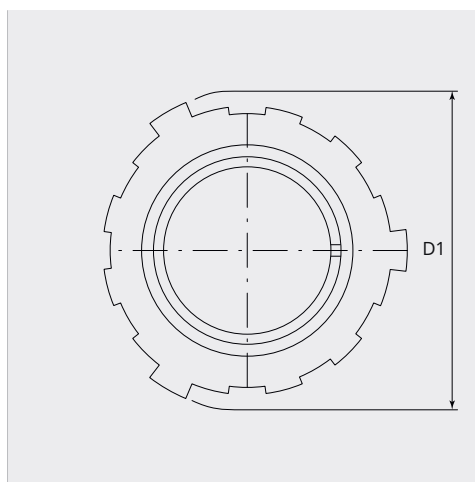
Size 4 - rated current (continuous) [A]:	80
Size 4 - maximum current (short-term) [A]:	135
Size 4 - test current [A]:	110

STANDARDS

Fire protection class EN 45545-2:

R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	60
L1 [mm]:	39.0
N1:	1 3/8"-18 UNEF 2A
X1 [mm]:	9.0

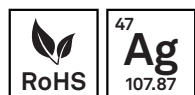
· Please contact your Gimota partner for other shell materials, surface coatings or contact insert materials.
 Voltage classes tested acc. MIL-DTL-5015 Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 /
 · 37 Corrosion resistance tested acc. MIL 1344A Test 101.1 Temperature shock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

Socket contact size 4, 6.0mm²

Item number: 10-903-4-6G10

Product weight (kg): 0.0153 kg

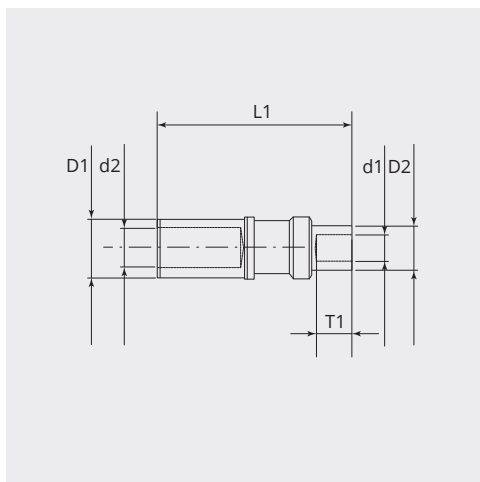
Packing unit:



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

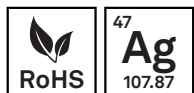
D1 Ø [mm]:	11
D2 Ø [mm]:	5.2
d1 Ø [mm]:	3.6
d2 Ø [mm]:	5.7
L1 [mm]:	41
T1 [mm]:	8.5

Socket contact size 4, 10mm²

Item number: 10-903-4-10G10

Product weight (kg): 0.016 kg

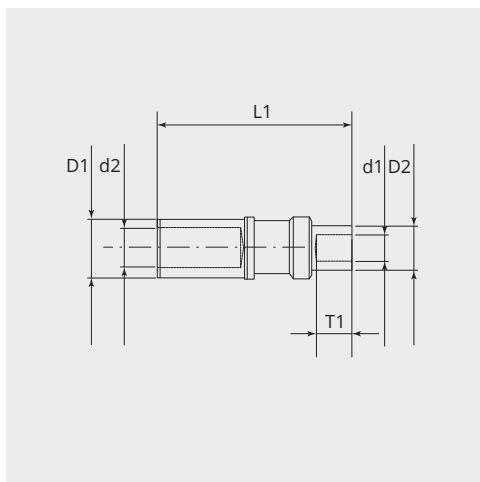
Packing unit:



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 [mm ²]:	10
Wire section [AWG]:	6
Stripping length [mm]:	13

DIMENSIONS



DIMENSIONS

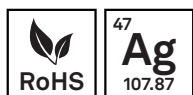
D1 Ø [mm]:	11
D2 Ø [mm]:	6.5
d1 Ø [mm]:	4.6
d2 Ø [mm]:	5.7
L1 [mm]:	41
T1 [mm]:	12.2

Socket contact size 4, 16mm²

Item number: 10-903-4-16G62

Product weight (kg): 0.0184 kg

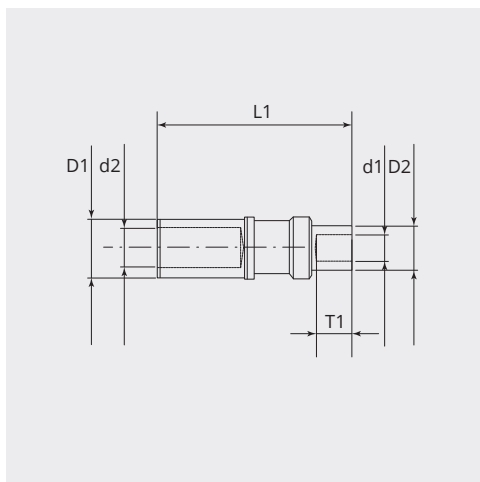
Packing unit:



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, 16mm²

Item number: 10-903-4-16G10

Product weight (kg): 0.0171 kg

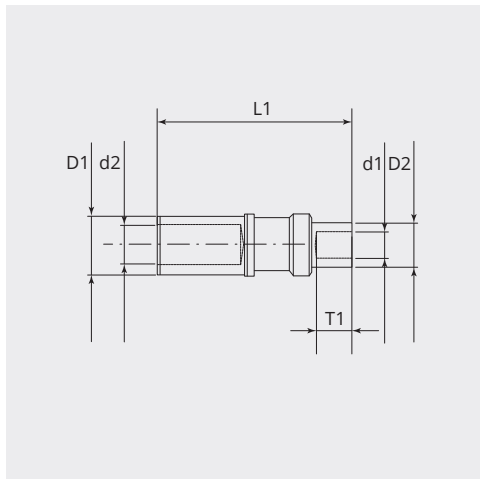
Packing unit:



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