

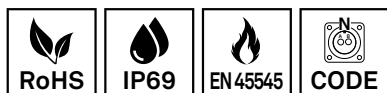
Plug with rubber coated coupling nut

Series GR

Item number: GR602-40-A4SN-EAA

Product weight (kg): 0.2454 kg

Packing unit: 1



MECHANICAL PROPERTIES

Size:	40
Contact type:	Socket
Number of contacts:	4
Number of contacts, size 0:	4
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 [$^{\circ}$ C]:	-55 - +90

MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ): ≤ 0.5

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 AC [V]: 750

Insulation resistance (mΩ): ≥ 5000

Voltage class: ABB

Contact numbers: All

Operating voltage DC [V]: 1750

Operating voltage AC [V]: 1250

Test voltage AC [V]: 3500

Insulation resistance (mΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 6.3

Voltage index: MIL-DTL-5015

ELECTRICAL PROPERTIES CONTACTS

Size 0 - rated current (continuous) [A]:	150
Size 0 - maximum current (short-term) [A]:	245
Size 0 - test current [A]:	200
Size 0* - rated current (continuous) [A]:	240
Size 0* - maximum current (short-term) [A]:	200
Size 0* - test current [A]:	245

STANDARDS

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



DIMENSIONS

D1 Ø [mm]:	88
L1 [mm]:	41.0
N1:	2 5/16"-16 UN 2A
X1 [mm]:	11.3

- 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 0, 25mm²

Item number: 10-903-0-252G76

Product weight (kg): 0.0373 kg

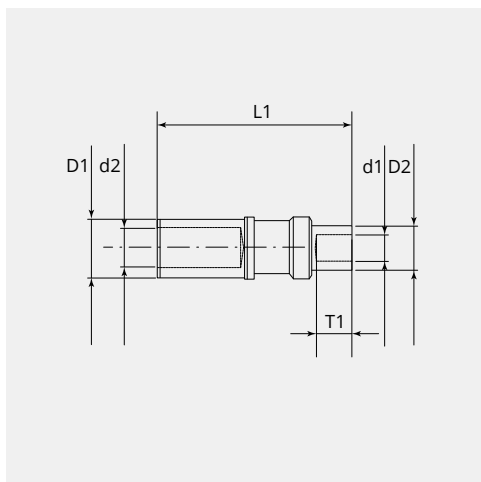
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	245
Test current [A]:	200
Rated current (continuous) [A]:	150
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	25
Stripping length [mm]:	18

DIMENSIONS



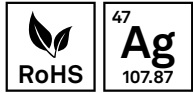
DIMENSIONS

D1 Ø [mm]:	15
D2 Ø [mm]:	11.7
d1 Ø [mm]:	7.6
d2 Ø [mm]:	11.7
L1 [mm]:	49
T1 [mm]:	17

Socket contact size 0*, 35mm²

Item number: 10-905-0-352G89

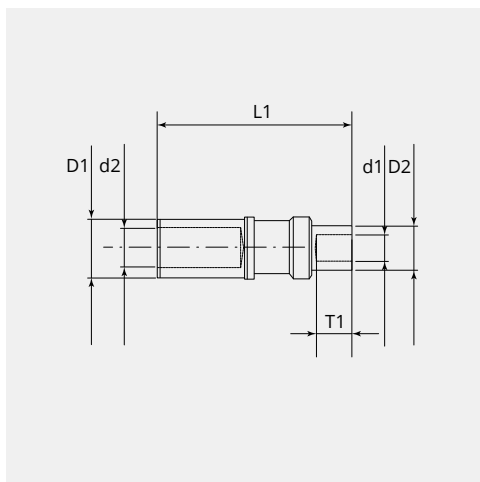
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket with lamellas for increased current transfer
Maximum current (short-term) [A]:	300
Test current [A]:	240
Rated current (continuous) [A]:	200
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	35
Wire section [AWG]:	0
Stripping length [mm]:	19

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	15
D2 Ø [mm]:	13
d1 Ø [mm]:	8.9
d2 Ø [mm]:	13
L1 [mm]:	52
T1 [mm]:	18

Socket contact size 0, 50mm²

Item number: 10-903-0-502G10

Product weight (kg): 0.0434 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	245
Test current [A]:	200
Rated current (continuous) [A]:	150
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	50
Wire section [AWG]:	0
Stripping length [mm]:	22

DIMENSIONS



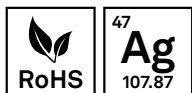
DIMENSIONS

D1 Ø [mm]:	15
D2 Ø [mm]:	14.6
d1 Ø [mm]:	10.5
d2 Ø [mm]:	14.6
L1 [mm]:	53
T1 [mm]:	20.5

Socket contact size 0*, 25mm²

Item number: 10-905-0-252G76

Packing unit: 100



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket with lamellas for increased current transfer

Maximum current (short-term) [A]: 300

Test current [A]: 240

Rated current (continuous) [A]: 200

Contact Material: CU alloy

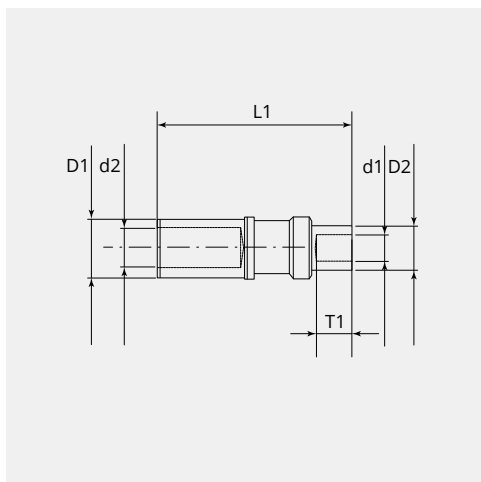
Protective layer: Silver plated, 3.5µm

Connection type: Crimp

Wire section [mm²]: 25

Stripping length [mm]: 18

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	15
D2 Ø [mm]:	11.7
d1 Ø [mm]:	7.6
d2 Ø [mm]:	11.7
L1 [mm]:	51
T1 [mm]:	17

Socket contact size 0*, 50mm²

Item number: 10-905-0-502G10

Product weight (kg): 0.0457 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket with lamellas for increased current transfer
Maximum current (short-term) [A]:	300
Test current [A]:	240
Rated current (continuous) [A]:	200
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	50
Wire section [AWG]:	0
Stripping length [mm]:	22

DIMENSIONS



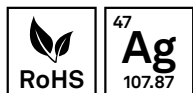
DIMENSIONS

D1 Ø [mm]:	15
D2 Ø [mm]:	14.6
d1 Ø [mm]:	10.5
d2 Ø [mm]:	14.6
L1 [mm]:	55
T1 [mm]:	20.5

Socket contact size 0*, 16mm²

Item number: 10-905-0-162G62

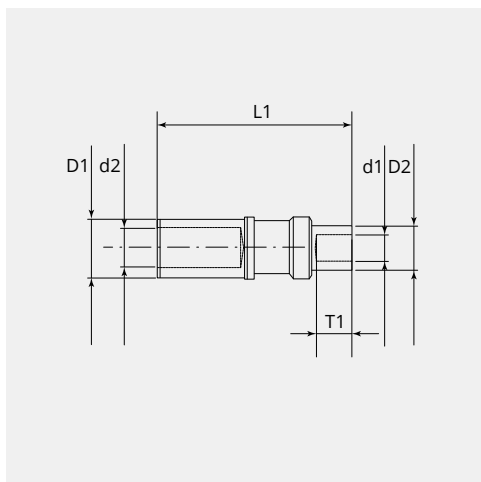
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket with lamellas for increased current transfer
Maximum current (short-term) [A]:	300
Test current [A]:	240
Rated current (continuous) [A]:	200
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	16
Stripping length [mm]:	17

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	15
D2 Ø [mm]:	9.3
d1 Ø [mm]:	6.2
d2 Ø [mm]:	9.3
L1 [mm]:	50
T1 [mm]:	16

Socket contact size 0, 16mm²

Item number: 10-903-0-162G62

Product weight (kg): 0.0331 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	245
Test current [A]:	200
Rated current (continuous) [A]:	150
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	16
Stripping length [mm]:	17

DIMENSIONS



DIMENSIONS

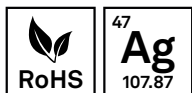
D1 Ø [mm]:	15
D2 Ø [mm]:	9.3
d1 Ø [mm]:	6.2
d2 Ø [mm]:	9.3
L1 [mm]:	48
T1 [mm]:	16

Socket contact size 0, 35mm²

Item number: 10-903-0-352G89

Product weight (kg): 0.0423 kg

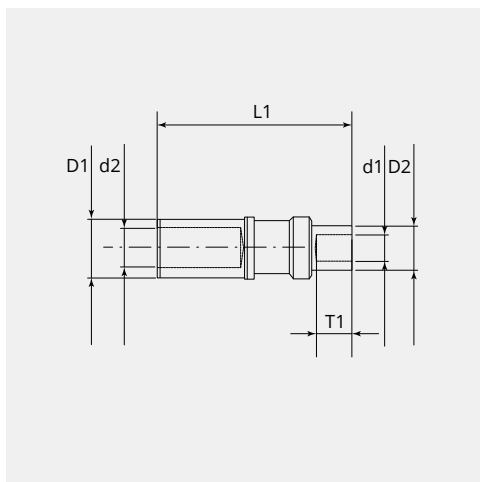
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	245
Test current [A]:	200
Rated current (continuous) [A]:	150
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	35
Wire section [AWG]:	0
Stripping length [mm]:	19

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	15
D2 Ø [mm]:	13
d1 Ø [mm]:	8.9
d2 Ø [mm]:	13
L1 [mm]:	52
T1 [mm]:	18