

Plug with rubber coated coupling nut, short version

Series GB

Item number: GB603-24-10SN-EAC

Packing unit: 1



MECHANICAL PROPERTIES

Size:	24
Contact type:	Socket
Number of coding options:	2
Number of contacts:	7
Number of contacts, size 8H:	7
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

MECHANICAL PROPERTIES

Temperature shock [°C]:	-55 - +125
Conductivity (MΩ):	Non conductive
EMI:	No
Material sealing ring:	Silicone
Coupling-torque to lock [Nm]:	max. 6.5
Coupling-torque to open [Nm]:	min. 2.0

THERMAL PROPERTIES

Material contact insert:	Ethylene acrylate GXF / thermoplastic
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
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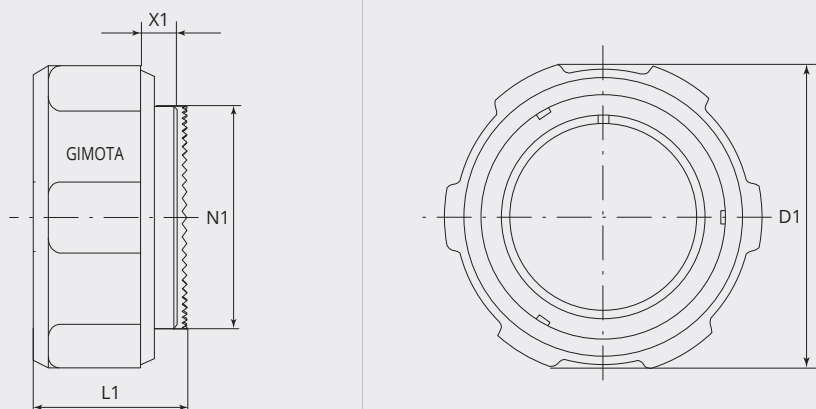
Size 8H - maximum current (short-term) [A]:	90
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Size 8H - test current [A]:	72
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STANDARDS

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



DIMENSIONS

D1 Ø [mm]:	58
L1 [mm]:	36
N1:	1 3/8-18 UNEF 2A
X1 [mm]:	9

Socket contact size 8H, 2.5mm²

Item number: 10-40796-22AG

Product weight (kg): 0.0085 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
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Maximum current (short-term) [A]:	90
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Test current [A]:	72
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Rated current (continuous) [A]:	56
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Contact Material:	CU alloy
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Protective layer:	Silver plated, 3.5µm
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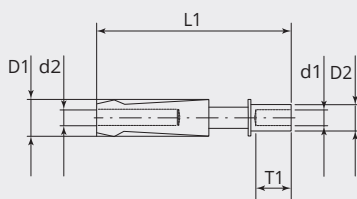
Connection type:	Crimp
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Wire section [mm ²]:	2.5
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Wire section [AWG]:	12
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Stripping length [mm]:	9
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DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	7.8
D2 Ø [mm]:	4
d1 Ø [mm]:	2.3
d2 Ø [mm]:	3.6
L1 [mm]:	38
T1 [mm]:	8.5

Socket contact size 8H, 6.0mm²

Item number: 10-40796-38AG

Product weight (kg): 0.0086 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Maximum current (short-term) [A]:	90
Test current [A]:	72
Rated current (continuous) [A]:	56
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	6
Wire section [AWG]:	10
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	7.8
D2 Ø [mm]:	5
d1 Ø [mm]:	3.55
d2 Ø [mm]:	3.6
L1 [mm]:	38
T1 [mm]:	8.5

Socket contact size 8H, 1.5mm²

Item number: 10-40796-18AG

Product weight (kg): 0.0087 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 90

Test current [A]: 72

Rated current (continuous) [A]: 56

Contact Material: CU alloy

Protective layer: Silver plated, 3.5µm

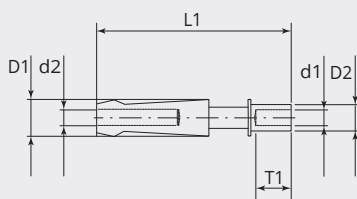
Connection type: Crimp

Wire section [mm²]: 1.5

Wire section [AWG]: 16

Stripping length [mm]: 9

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	7.8
D2 Ø [mm]:	4
d1 Ø [mm]:	1.75
d2 Ø [mm]:	3.6
L1 [mm]:	38
T1 [mm]:	8.5

Socket contact size 8H, 10mm²

Item number: 10-40796-50AG

Product weight (kg): 0.009 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Socket

Maximum current (short-term) [A]: 90

Test current [A]: 72

Rated current (continuous) [A]: 56

Contact Material: CU alloy

Protective layer: Silver plated, 3.5µm

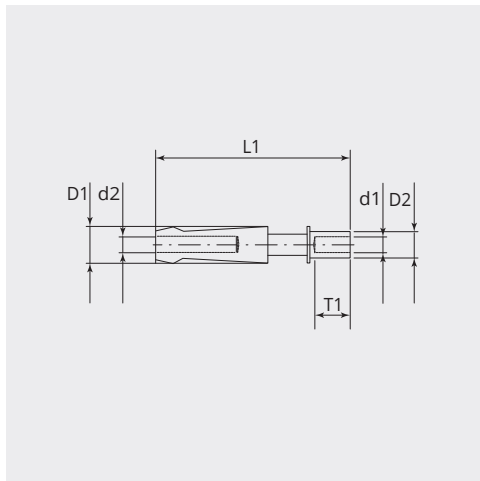
Connection type: Crimp

Wire section [mm²]: 10

Wire section [AWG]: 8 - 6

Stripping length [mm]: 13

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	7.8
D2 Ø [mm]:	6.35
d1 Ø [mm]:	4.6
d2 Ø [mm]:	3.6
L1 [mm]:	38
T1 [mm]:	12.2