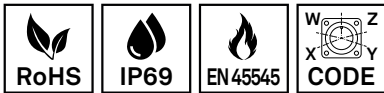


Plug with rubber coated coupling nut, short version

Series GB

Item number: GB603-24-11PN-EAC

Packing unit: 1



MECHANICAL PROPERTIES

Size:	24
Contact type:	Pin
Number of coding options:	4
Number of contacts:	9
Number of contacts, size 8H:	3
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
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

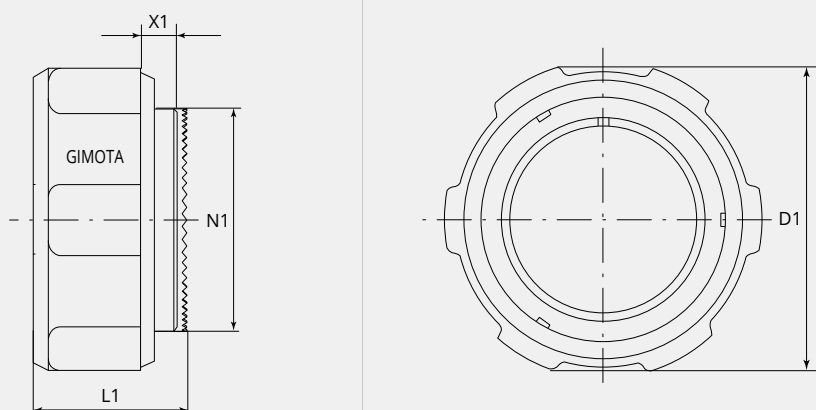
ELECTRICAL PROPERTIES CONTACTS

Size 8H - rated current (continuous) [A]:	56
Size 8H - maximum current (short-term) [A]:	90
Size 8H - test current [A]:	72
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
-----------------------------------	---------

DIMENSIONS



DIMENSIONS

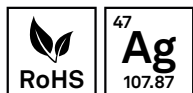
D1 Ø [mm]:	58
L1 [mm]:	36
N1:	1 3/8"-18 UNEF 2A
X1 [mm]:	9

Pin contact size 8H, 10mm²

Item number: 10-40794-50AG

Product weight (kg): 0.0066 kg

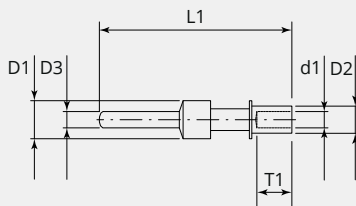
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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]:	10
Wire section [AWG]:	8 - 6
Stripping length [mm]:	13

DIMENSIONS



DIMENSIONS

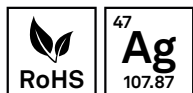
D1 Ø [mm]:	7.8
D2 Ø [mm]:	6.35
D3 Ø [mm]:	3.6
d1 Ø [mm]:	4.6
L1 [mm]:	41
T1 [mm]:	12.2

Pin contact size 8H, 1.5mm²

Item number: 10-40794-18AG

Product weight (kg): 0.0062 kg

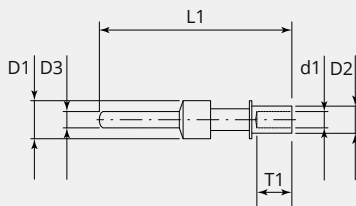
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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]:	1.5
Wire section [AWG]:	16
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

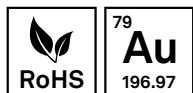
D1 Ø [mm]:	7.8
D2 Ø [mm]:	4
D3 Ø [mm]:	3.6
d1 Ø [mm]:	1.75
L1 [mm]:	41
T1 [mm]:	8.5

Pin contact size 12, 6.0mm²

Item number: 10-40561-38AU

Product weight (kg): 0.0023 kg

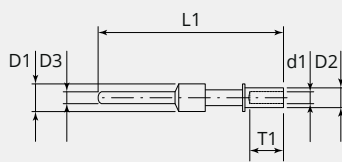
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	41
Test current [A]:	35
Rated current (continuous) [A]:	23
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	6
Wire section [AWG]:	10
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

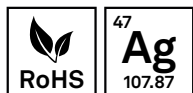
D1 Ø [mm]:	4.8
D2 Ø [mm]:	4.75
D3 Ø [mm]:	2.4
d1 Ø [mm]:	3.5
L1 [mm]:	38
T1 [mm]:	8.5

Pin contact size 8H, 6mm²

Item number: 10-40794-38AG

Product weight (kg): 0.0061 kg

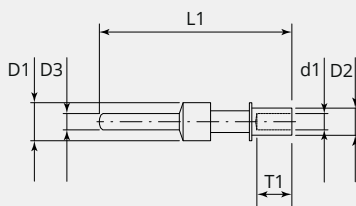
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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

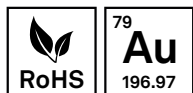
D1 Ø [mm]:	7.8
D2 Ø [mm]:	5
D3 Ø [mm]:	3.6
d1 Ø [mm]:	3.55
L1 [mm]:	41
T1 [mm]:	8.5

Pin contact size 12, 0.75 - 1.0mm²

Item number: 10-40561-15AU

Product weight (kg): 0.0022 kg

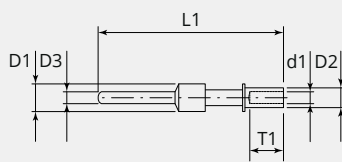
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	41
Test current [A]:	35
Rated current (continuous) [A]:	23
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	0.75 - 1.0
Wire section [AWG]:	22 - 18
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

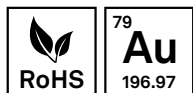
D1 Ø [mm]:	4.8
D2 Ø [mm]:	3.35
D3 Ø [mm]:	2.4
d1 Ø [mm]:	1.45
L1 [mm]:	38
T1 [mm]:	8.5

Pin contact size 12, 4.0mm²

Item number: 10-40561-30AU

Product weight (kg): 0.0025 kg

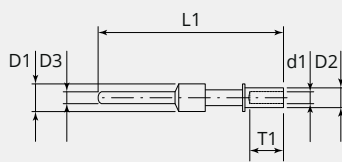
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	41
Test current [A]:	35
Rated current (continuous) [A]:	23
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	4
Wire section [AWG]:	12 - 10
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

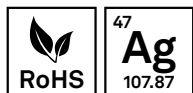
D1 Ø [mm]:	4.8
D2 Ø [mm]:	4.75
D3 Ø [mm]:	2.4
d1 Ø [mm]:	2.95
L1 [mm]:	38
T1 [mm]:	8.5

Pin contact size 8H, 2.5mm²

Item number: 10-40794-22AG

Product weight (kg): 0.006 kg

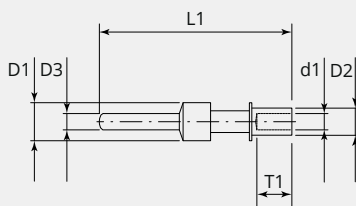
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
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]:	2.5
Wire section [AWG]:	12
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

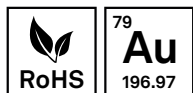
D1 Ø [mm]:	7.8
D2 Ø [mm]:	4
D3 Ø [mm]:	3.6
d1 Ø [mm]:	2.3
L1 [mm]:	41
T1 [mm]:	8.5

Pin contact size 12, 2.5mm²

Item number: 10-40561-22AU

Product weight (kg): 0.0023 kg

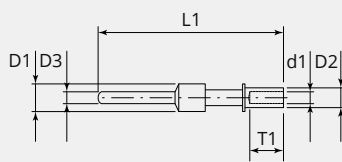
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	41
Test current [A]:	35
Rated current (continuous) [A]:	23
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	2.5
Wire section [AWG]:	14
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

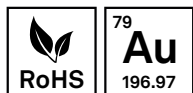
D1 Ø [mm]:	4.8
D2 Ø [mm]:	3.95
D3 Ø [mm]:	2.4
d1 Ø [mm]:	2.25
L1 [mm]:	38
T1 [mm]:	8.5

Pin contact size 12, 0.5mm²

Item number: 10-40561-11AU

Product weight (kg): 0.0022 kg

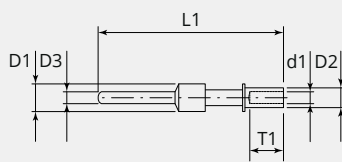
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	41
Test current [A]:	35
Rated current (continuous) [A]:	23
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	0.5
Wire section [AWG]:	20
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

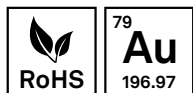
D1 Ø [mm]:	4.8
D2 Ø [mm]:	3
D3 Ø [mm]:	2.4
d1 Ø [mm]:	1.1
L1 [mm]:	38
T1 [mm]:	8.5

Pin contact size 12, 1.5mm²

Item number: 10-40561-18AU

Product weight (kg): 0.0024 kg

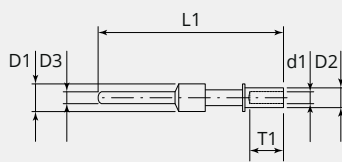
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	41
Test current [A]:	35
Rated current (continuous) [A]:	23
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	1.5
Wire section [AWG]:	18 - 16
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	4.8
D2 Ø [mm]:	3.95
D3 Ø [mm]:	2.4
d1 Ø [mm]:	1.75
L1 [mm]:	38
T1 [mm]:	8.5