

Plug with bayonet coupling nut

Series GB

Item number: GB60-20-7PN-EAC
Product weight (kg): 0.0474 kg
Packing unit: 1



MECHANICAL PROPERTIES

Size:	20
Contact type:	Pin
Number of coding options:	4
Number of contacts:	8
Number of contacts, size 16:	8
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 [°C]:	-55 - +125
Temperature shock [°C]:	-55 - +125

MECHANICAL PROPERTIES

Conductivity (MΩ): Non conductive

EMI: No

Material sealing ring: Silicone

Coupling-torque to lock [Nm]: max. 5.0

Coupling-torque to open [Nm]: min. 1.5

THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF / thermoplastic

Operating temperature insert [°C]: -55 - +150

ELECTRICAL PROPERTIES

Contact numbers:	A, B, G, H
Operating voltage DC [V]:	1250
Operating voltage AC [V]:	900
Test voltage AC [V]:	2800
Insulation resistance (mΩ):	≥ 5000
Insulation creepage distance [mm]:	≥ 4.8
Voltage class:	MIL-DTL-5015
Contact numbers:	Rest
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 index:	MIL-DTL-5015

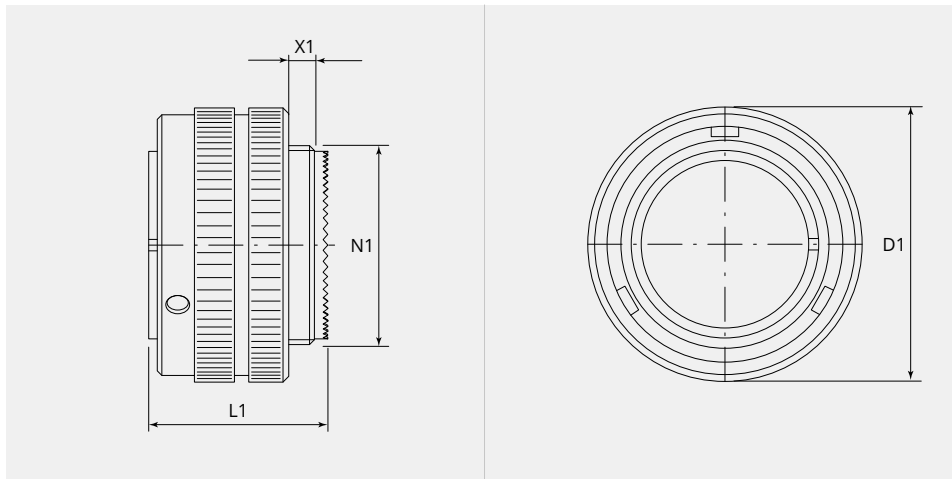
ELECTRICAL PROPERTIES CONTACTS

Size 16 - rated current (continuous) [A]:	13
Size 16 - maximum current (short-term) [A]:	22
Size 16 - test current [A]:	20

STANDARDS

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



DIMENSIONS

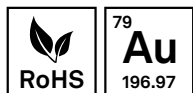
D1 Ø [mm]:	40
L1 [mm]:	36
N1:	1 1/8"-18 UNEF 2A
X1 [mm]:	9

Pin contact size 16, 1.0mm²

Item number: 10-40557AU

Product weight (kg): 0.001 kg

Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type: Pin

Maximum current (short-term) [A]: 22

Test current [A]: 20

Rated current (continuous) [A]: 13

Contact Material: CU alloy

Protective layer: Gold plated, 0.5μm

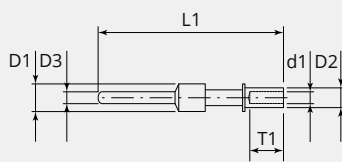
Connection type: Crimp

Wire section [mm²]: 1

Wire section [AWG]: 16

Stripping length [mm]: 7

DIMENSIONS



DIMENSIONS

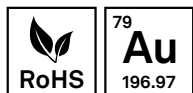
D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.9
D3 Ø [mm]:	1.6
d1 Ø [mm]:	1.8
L1 [mm]:	32
T1 [mm]:	6.4

Pin contact size 16, 1.5mm²

Item number: 10-40557-20-1AU

Product weight (kg): 0.001 kg

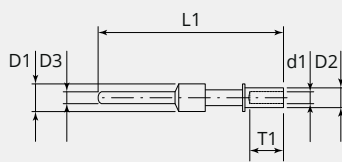
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	22
Test current [A]:	20
Rated current (continuous) [A]:	13
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	1.5
Stripping length [mm]:	7

DIMENSIONS



DIMENSIONS

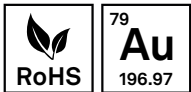
D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.62
D3 Ø [mm]:	1.6
d1 Ø [mm]:	1.75
L1 [mm]:	32
T1 [mm]:	6.4

Pin contact size 16, 0.25 -0.5mm²

Item number: 10-40557-05AU

Product weight (kg): 0.0009 kg

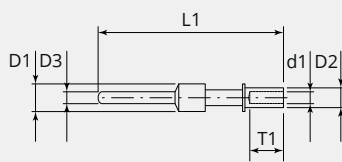
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	22
Test current [A]:	20
Rated current (continuous) [A]:	13
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	0.25 - 0.5
Wire section [AWG]:	22 - 20
Stripping length [mm]:	7

DIMENSIONS



DIMENSIONS

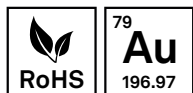
D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.15
D3 Ø [mm]:	1.6
d1 Ø [mm]:	1.1
L1 [mm]:	32
T1 [mm]:	6.4

Pin contact size 16, 0.75mm²

Item number: 10-40557-075AU

Product weight (kg): 0.0009 kg

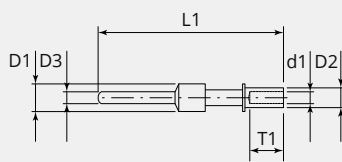
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	22
Test current [A]:	20
Rated current (continuous) [A]:	13
Contact Material:	CU alloy
Protective layer:	Gold plated, 0.5µm
Connection type:	Crimp
Wire section [mm ²]:	0.75
Wire section [AWG]:	18
Stripping length [mm]:	7

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.2
D3 Ø [mm]:	1.6
d1 Ø [mm]:	1.35
L1 [mm]:	32
T1 [mm]:	6.4