

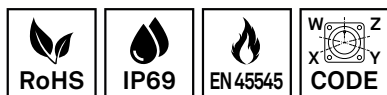
Plug with bayonet coupling nut

Series GB

Item number: GB60-40-31PN-EAC

Product weight (kg): 0.1294 kg

Packing unit: 1



MECHANICAL PROPERTIES

Size:	40
Contact type:	Pin
Number of coding options:	4
Number of contacts:	31
Number of contacts, size 12:	31
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. 10.0

Coupling-torque to open [Nm]: min. 5.9

THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF / thermoplastic

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

ELECTRICAL PROPERTIES

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

ELECTRICAL PROPERTIES CONTACTS

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]:	73
L1 [mm]:	38.5
N1:	2 5/16"-16 UN 2A
X1 [mm]:	11.3

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 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

Pin contact size 12, 0.5mm²

Item number: 10-40561-11AU

Product weight (kg): 0.0022 kg

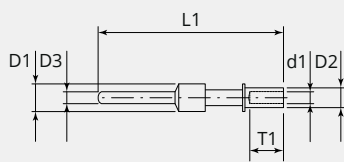
Packing unit:



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, 2.5mm²

Item number: 10-40561-22AU

Product weight (kg): 0.0023 kg

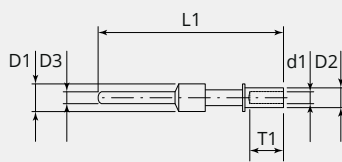
Packing unit:



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, 6.0mm²

Item number: 10-40561-38AU

Product weight (kg): 0.0023 kg

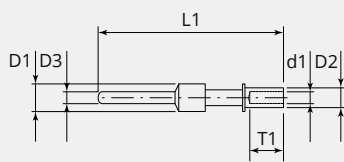
Packing unit:



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