

Plug with bayonet coupling nut

Series GB

Item number: GB60-28-6PN-EAC

Packing unit: 1



MECHANICAL PROPERTIES

Size:	28
Contact type:	Pin
Number of coding options:	4
Number of contacts:	3
Number of contacts, size 4:	3
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. 7.0

Coupling-torque to open [Nm]: min. 2.7

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 4 - rated current (continuous) [A]: 80

Size 4 - maximum current (short-term) [A]: 135

Size 4 - test current [A]: 110

STANDARDS

Fire protection class EN 45545-2:

R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	54
L1 [mm]:	36
N1:	1 5/8"-18 UNEF 2A
X1 [mm]:	9

Pin contact size 4, 16mm²

Item number: 10-660-4-16G10

Product weight (kg): 0.0136 kg

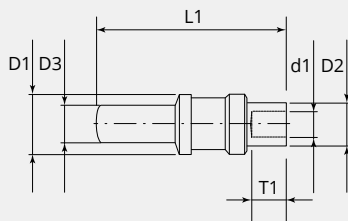
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	135
Test current [A]:	110
Rated current (continuous) [A]:	80
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	16
Wire section [AWG]:	4 - 3
Stripping length [mm]:	13

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	11
D2 Ø [mm]:	9.3
D3 Ø [mm]:	5.7
d1 Ø [mm]:	7
L1 [mm]:	41
T1 [mm]:	12.2

Pin contact size 4, 6.0mm²

Item number: 10-660-4-6G10

Product weight (kg): 0.012 kg

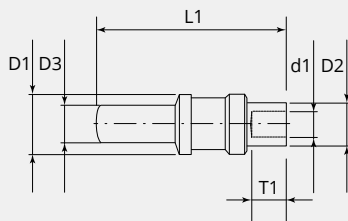
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	135
Test current [A]:	110
Rated current (continuous) [A]:	80
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	6
Wire section [AWG]:	8
Stripping length [mm]:	9

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	11
D2 Ø [mm]:	5.2
D3 Ø [mm]:	5.7
d1 Ø [mm]:	3.6
L1 [mm]:	41
T1 [mm]:	8.5

Pin contact size 4, 10mm²

Item number: 10-660-4-10G10

Product weight (kg): 0.0127 kg

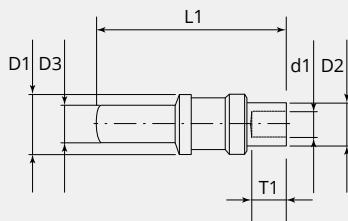
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	10
Wire section [AWG]:	6
Stripping length [mm]:	13

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	11
D2 Ø [mm]:	6.5
D3 Ø [mm]:	5.7
d1 Ø [mm]:	4.6
L1 [mm]:	41
T1 [mm]:	12.2

Pin contact size 4, 16mm²

Item number: 10-660-4-16G62

Product weight (kg): 0.0154 kg

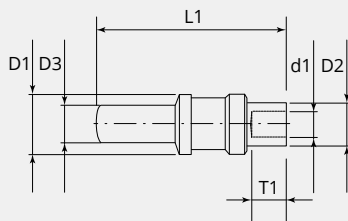
Packing unit:



MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Maximum current (short-term) [A]:	135
Test current [A]:	110
Rated current (continuous) [A]:	80
Contact Material:	CU alloy
Protective layer:	Silver plated, 3.5µm
Connection type:	Crimp
Wire section [mm ²]:	16
Stripping length [mm]:	13

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	11
D2 Ø [mm]:	9.3
D3 Ø [mm]:	5.7
d1 Ø [mm]:	6.2
L1 [mm]:	41
T1 [mm]:	12.2