

Plug with bayonet coupling nut

Series GR

Item number: GR60-14S-A7PN-EAA

Packing unit: 1



MECHANICAL PROPERTIES

Size:	14S
Contact type:	Pin
Number of contacts:	7
Number of contacts, size 16s:	7
Shell material:	Aluminum alloy
Surface:	Zinc
Type of surface:	Passivated
Thickness of surface treatment [μ]:	12-15 μ
Surface colour:	Black
Corrosion resistance [h]:	200
Operation temperature [°C]:	-55 - +90

MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ): ≤ 0.5

Coupling-torque to lock [Nm]: max. 1.8

Coupling-torque to open [Nm]: min. 0.55

THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF

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

ELECTRICAL PROPERTIES

Operating voltage DC [V]: 250

Operating voltage AC [V]: 200

Test voltage AC [V]: 1000

Insulation resistance (MΩ): ≥ 5000

Insulation creepage distance [mm]: ≥ 1.6

Voltage class: MIL-DTL-5015

ELECTRICAL PROPERTIES CONTACTS

Size 16S - rated current (continuous) [A]: 13

Size 16S - maximum current (short-term) [A]: 22

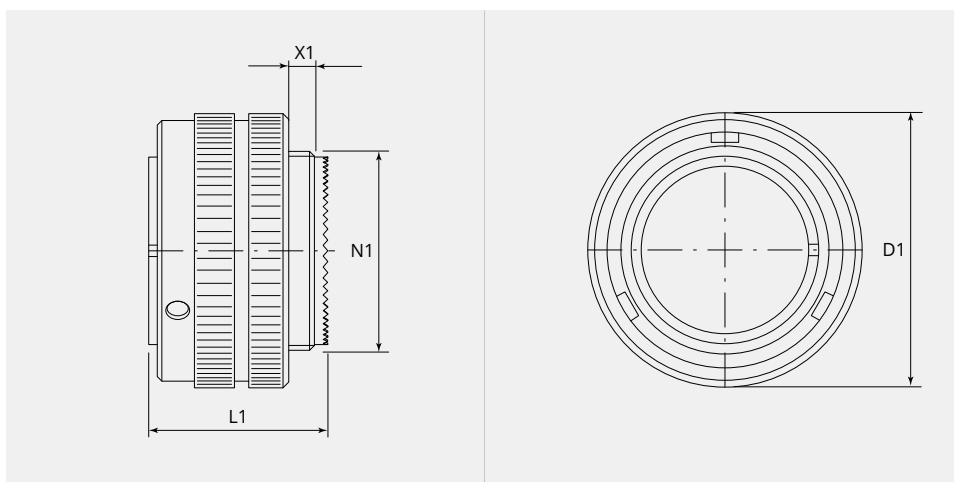
Size 16S - test current [A]: 20

STANDARDS

Fire protection class EN 45545-2:

R23/HL3

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	30
L1 [mm]:	24.6
N1:	3/4"-20 UNEF 2A
X1 [mm]:	9.0

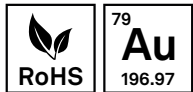
- Please contact your Gimota partner for other shell materials, surface coatings or contact insert materials.
- Voltage classes tested acc. MIL-DTL-5015 Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 / 37
- Corrosion resistance tested acc. MIL 1344A Test 101.1 Temperature shock tested acc. MIL 202F, 107G Method
- Electrical conductivity acc. MIL 1344A, Test 3007

Pin contact size 16S, 0.25 - 0.5mm²

Item number: 10-40553-05AU

Product weight (kg): 0.0006 kg

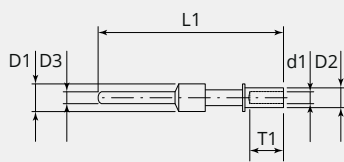
Packing unit:



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]:	27
T1 [mm]:	6.4

Pin contact size 16S, 0.75 - 1.5mm²

Item number: 10-40553AU

Product weight (kg): 0.0006 kg

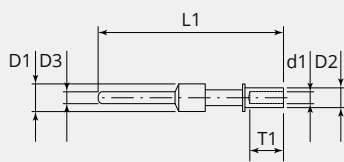
Packing unit:



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 - 1.5
Wire section [AWG]:	16
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]:	27
T1 [mm]:	6.4