



Plug with bayonet coupling nut

Series GB

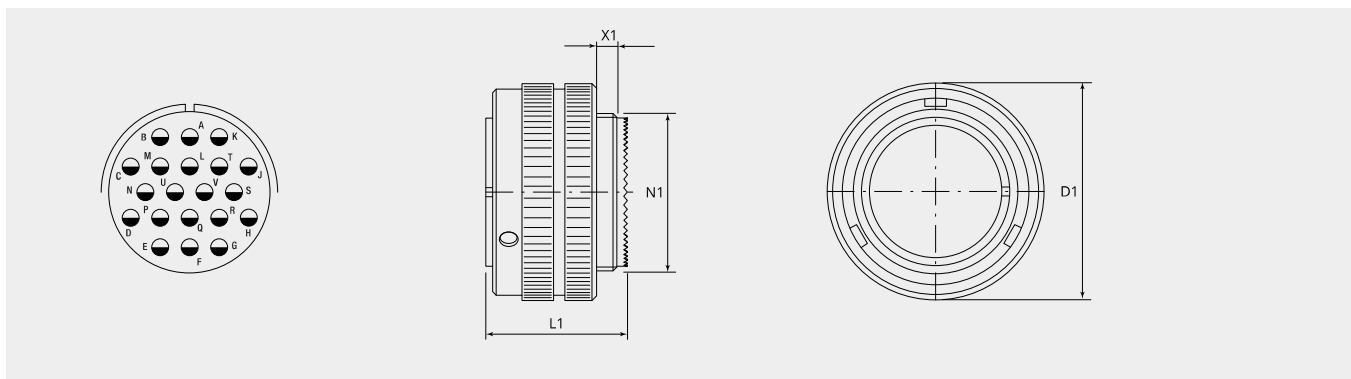
Item number: GB60-28-16SN-EAC

Mechanical properties

Size:	28
Contact type:	Socket
Coding options:	4
Number of contacts, size 16:	20
Shell material:	Aluminum alloy
Surface treatment:	Epoxy-polyurethane
Type of surface:	varnished
Thickness of surface treatment:	13-16µ
Surface colour:	black
Corrosion resistance (h):	500
Operation temperature:	-55°C - +125°C
Temperature shock:	-55°C - +125°C
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:	-55°C - +150°C
Fire protection class DIN EN 45545-2:	R23/HL3



Dimensional drawing

D1 (Ø):	54.0
L1 (mm):	36
N1:	1 5/8"-18 UNEF 2A
X1 (mm):	9

Electrical properties

Operating voltage DC (V):	700
Operating voltage AC (V):	500
Test voltage AC (V):	2000
Insulation resistance (Ω m):	≥ 5000
Insulation creepage distance (mm):	≥ 3.2
Voltage class:	MIL-DTL-5015

Electrical properties contacts

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

Complementary products:

Counterpart:



GB210-28-16PN-EAC
Receptacle, front panel mount

Backshell:



BEN28-AC
90° elbow back shell



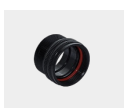
BEN28-M5B-AC
90° elbow back shell with internal metric thread



BSH28-AC
Back shell with groove for heatshrinkable shapes



BSL28-AC
Back shell straight, long



BSN28-AC
Back shell straight, standard

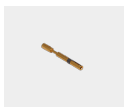


BSN28-M5B-AC
Back shell straight with internal metric thread



BST28-AC
Termination back shell type R for grommets

Contacts:



10-40556-05AU
Socket contact size 16, 0.25 - 0.5mm²



10-40556-075AU
Socket contact size 16, 0.75mm²

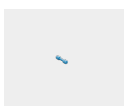


10-40556-20-1AU
Socket contact size 16, 1.5mm²



10-40556AU
Socket contact size 16, 1.0mm²

Filler plugs:



10-101033-121
Filler plug, size 16/16S

Protection cap:



PP28-AC

Metallic protection cap to bayonet plug (GB,GR & GS)



PP28-D

Plastic protection cap to bayonet plugs (GB, GR & GS)