



Plug with bayonet coupling nut

Series GB

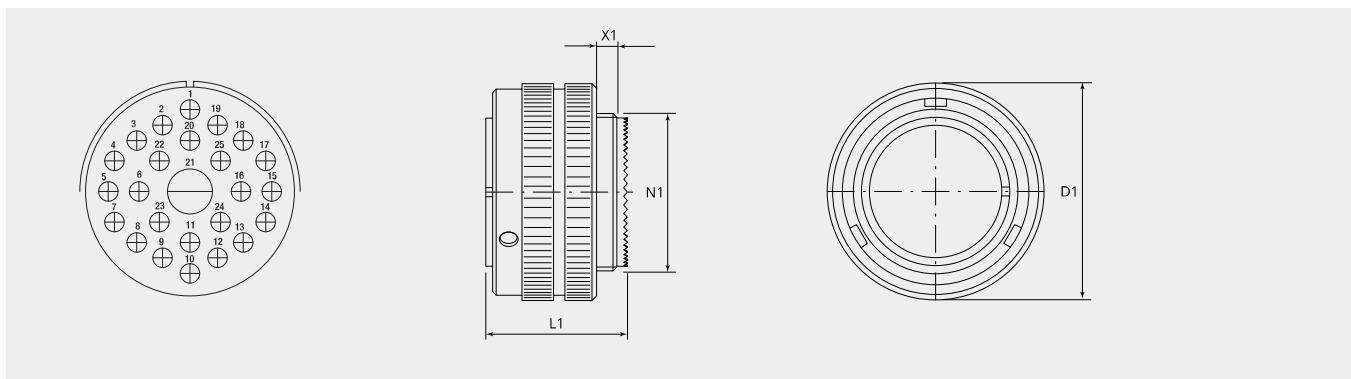
Item number: GB60-40-A25SN-EAC

Mechanical properties

Size:	40
Contact type:	Socket
Coding options:	4
Number of contacts, size 12:	24
Number of contacts, size 4:	1
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. 10.0
Coupling-torque to open (Nm):	min. 5.9

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):	73.0
L1 (mm):	38.5
N1:	2 5/16"-16 UN 2A
X1 (mm):	11.3

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 4 - nominal current (A):	80
Size 4 - maximal current (A):	135
Size 4 - test current (A):	110
Size 12 - nominal current (A):	23
Size 12 - maximal current (A):	41
Size 12 - test current (A):	35

Complementary products:

Counterpart:



GB210-40-A25PN-EAC
Receptacle, front panel mount

Backshell:



BEN40-AC
90° elbow back shell



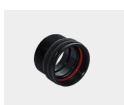
BEN40-M7B-AC
90° elbow back shell with internal metric thread



BSH40-AC
Back shell with groove for heatshrinkable shapes



BSL40-AC
Backshell straight, long



BSN40-AC
Back shell straight, standard



BSN40-M7B-AC
Backshell straight with internal metric thread



BSR40-32-AC
Reducer back shell



BSR40-36-AC
Reducer back shell



BST40-AC
Termination back shell type R for grommets

Cable termination:



10-350349K-403
Synthetic cable clamp



10-350349K-4040
Synthetic cable clamp

Contacts:



10-40560-11AU

Socket contact size 12, 0.5mm²



10-40560-15AU

Socket contact size 12, 0.75 - 1.0mm²



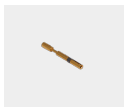
10-40560-18AU

Socket contact size 12, 1.5mm²



10-40560-22AU

Socket contact size 12, 2.5mm²



10-40560-30AU

Socket contact size 12, 4.0mm²



10-40560-38AU

Socket contact size 12, 6.0mm²



10-903-4-10G10

Socket contact size 4, 10mm²



10-903-4-16G10

Socket contact size 4, 16mm²



10-903-4-16G62

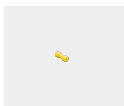
Socket contact size 4, 16mm²



10-903-4-6G10

Socket contact size 4, 6.0mm²

Filler plugs:



10-101033-131

Filler plug, size 12



10-101033-4

Filler plug, size 4

Protection cap:



PP40-AC

Metallic protection cap to bayonet plug (GB)



PP40-D

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