



Plug with bayonet coupling nut

Series GB

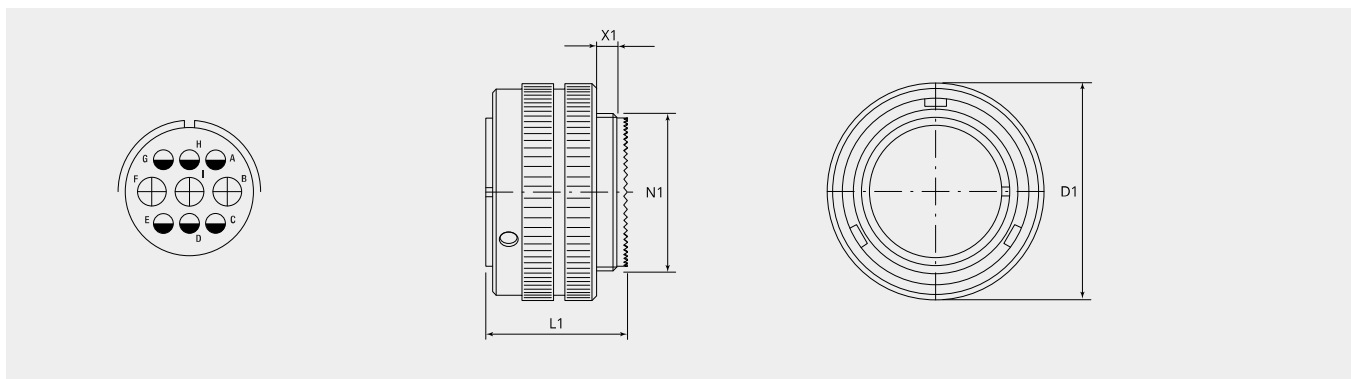
Item number: GB60-20-18PN-EAC

Mechanical properties

Size:	20
Contact type:	Pin
Coding options:	4
Number of contacts, size 12:	3
Number of contacts, size 16:	6
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. 5.0
Coupling-torque to open (Nm):	min. 1.5

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):	40.0
L1 (mm):	36
N1:	1 1/8"-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 12 - nominal current (A):	23
Size 12 - maximal current (A):	41
Size 12 - test current (A):	35
Size 16 - nominal current [continuous] (A):	13
Size 16 - maximal current [short-term] (A):	22
Size 16 - test current (A):	20

Complementary products:

Counterpart:



GB210-20-18SN-EAC
Receptacle, front panel mount

Backshell:

BEN20-AC
90° elbow back shell



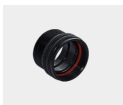
BEN20-M4B-AC
90° elbow back shell with internal metric thread



BSH20-AC
Back shell with groove for heatshrinkable shapes



BSL20-AC
Back shell straight, long



BSN20-AC
Back shell straight, standard



BSN20-M4B-AC
Back shell straight with internal metric thread



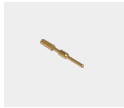
BST20-AC
Termination back shell type R for grommets

Contacts:



10-40557-05AU

Pin contact size 16, 0.25 - 0.5mm²



10-40557-075AU

Pin contact size 16, 0.75mm²



10-40557-20-1AU

Pin contact size 16, 1.5mm²



10-40557AU

Pin contact size 16, 1.0mm²



10-40561-11AU

Pin contact size 12, 0.5mm²



10-40561-15AU

Pin contact size 12, 0.75 - 1.0mm²



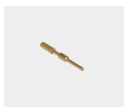
10-40561-18AU

Pin contact size 12, 1.5mm²



10-40561-22AU

Pin contact size 12, 2.5mm²



10-40561-30AU

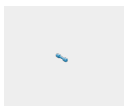
Pin contact size 12, 4.0mm²



10-40561-38AU

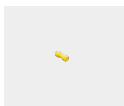
Pin contact size 12, 6.0mm²

Filler plugs:



10-101033-121

Filler plug, size 16/16S



10-101033-131

Filler plug, size 12

Protection cap:



PP20-AC

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



PP20-D

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