



Receptacle with threaded coupling, front panel mount

Series GT

Item number: GT210-24-A28PN-EAC

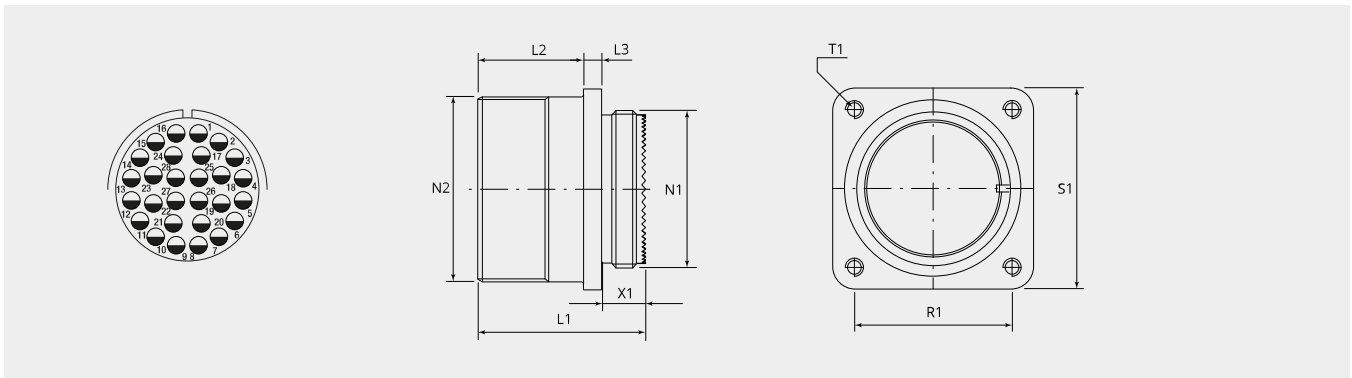
Packing unit: 1

Mechanical properties

Size:	28
Contact type:	Pin
Coding options:	3
Number of contacts, size 16:	28
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
Coupling-torque to lock (Nm):	max. 7.0
Coupling-torque to open (Nm):	min. 2.7

Thermal properties

Material contact insert:	Ethylene acrylate GXF
Operating temperature:	-55°C - +150°C
Fire protection class DIN EN 45545-2:	R23/HL3



Dimensional drawing

D1 (Ø):	46.7
L1 (mm):	39.1
L2 (mm):	24.1
L3 (mm):	4.0
N1:	1 5/8"-18 UNEF 2A
N2:	1 1/2"-18 UNEF 2A
T1 (mm):	3.7
X1 (mm):	9.0
S1 (mm):	50.8
R1 (mm):	39.7

Electrical properties

Operating voltage DC (V):	250
Operating voltage AC (V):	200
Test voltage AC (V):	1000
Insulation resistance (Ω m):	≥ 5000
Insulation creepage distance (mm):	≥ 1.6
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

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

Complementary products:

Counterpart:



GT60-24-A28SN-EAC

Plug with threaded coupling nut

Backshell:



BEN28-AA

90° elbow backshell



BEN28-M5B-AA

90° elbow backshell with internal metric thread



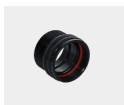
BSH28-AA

Backshell with groove for heatshrinkable shapes



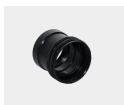
BSL28-AA

Backshell straight, long



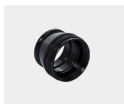
BSN28-AA

Backshell straight, standard



BSN28-M5B-AA

Backshell straight with internal metric thread



BST28-AA

Termination back shell typ R for grommet



ET-28-08-AA

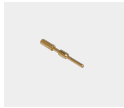
EMI adapter with cone ring, for heatshrinkable shape

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

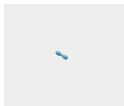
Pin contact size 16, 1.5mm²



10-40557AU

Pin contact size 16, 1.0mm²

Filler plugs:



10-101033-121

Filler plug, size 16/16S

Accessory:



10-40450-24

Sealing gasket for receptacle, front panel mount



10-40450-24S

Sealing gasket for receptacle, front panel mount, conductive



10-40451-24

Sealing gasket for receptacle, rear panel mount



10-40451-24S

Sealing gasket for receptacle, rear panel mount, conductive