Receptacle with threaded coupling, front panel mount

Series GT

Item number:	GT210-24-5PN-EAC
Packing unit:	1

RoHS | IP69 | EN45545 | CODE

MECHANICAL PROPERTIES

Size:	24
Contact type:	Pin
Number of coding options:	4
Number of contacts:	16
Number of contacts, size 16:	16
Shell material:	Aluminum alloy
Surface:	Epoxy-polyurethane
Type of surface:	Varnished
Thickness of surface treatment [µ]:	13-16µ
Surface colour:	Black
Corrosion resistance [h]:	500
Operation temperature [°C]:	-55 - +125

MECHANICAL PROPERTIES

Temperature shock [°C]:	-55 - +125
Conductivity (MΩ):	Non conductive
EMI:	No
Coupling-torque to lock [Nm]:	max. 6.5
Coupling-torque to open [Nm]:	min. 2.0

THERMAL PROPERTIES

Material contact insert:	Ethylene acrylate GXF
Operating temperature insert [°C]:	-55 - +150

ELECTRICAL PROPERTIES

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

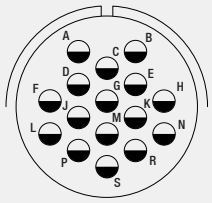
ELECTRICAL PROPERTIES CONTACTS

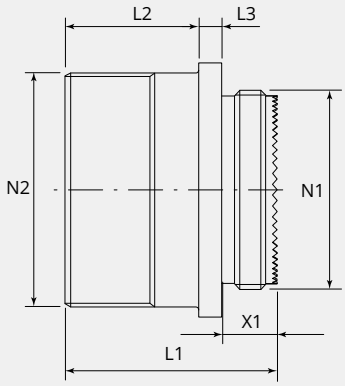
Size 16 - rated current (continuous) [A]:	13
Size 16 - maximum current (short-term) [A]:	22
Size 16 - test current [A]:	20

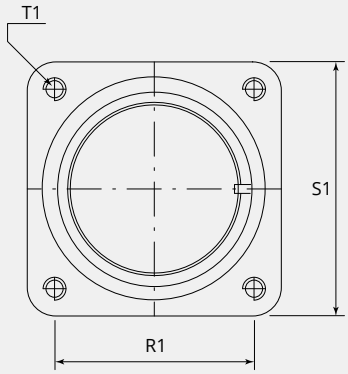
STANDARDS

Fire protection class EN 45545-2:	R23/HL3

DIMENSIONS







DIMENSIONS

D1 Ø [mm]:	41
L1 [mm]:	38.8
L2 [mm]:	23.1
L3 [mm]:	4.0
N1:	1 3/8“-18 UNEF 2A
N2:	1 1/2“-18 UNEF 2A
T1 [mm]:	3.7

DIMENSIONS

X1 [mm]:	9.0
S1 [mm]:	44.5
R1 [mm]:	35

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

Pin contact size 16, 0.75mm²

Item number: 10-40557-075AU

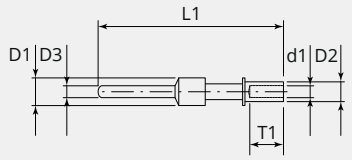
Product weight (kg): 0.0009 kg

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 [mm²]:	0.75
Wire section [AWG]:	18
Stripping length [mm]:	7

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.2
D3 Ø [mm]:	1.6
d1 Ø [mm]:	1.35
L1 [mm]:	32
T1 [mm]:	6.4

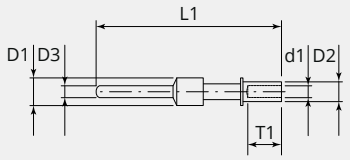
Pin contact size 16, 0.25 -0.5mm²

Item number:	10-40557-05AU
Product weight (kg):	0.0009 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 [mm²]:	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]:	32
T1 [mm]:	6.4

Pin contact size 16, 1.0mm²

Item number:	10-40557AU
Product weight (kg):	0.001 kg
Packing unit:	

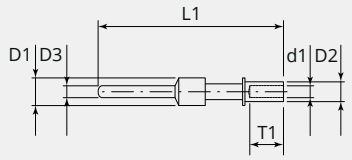
RoHS

79 Au 196.97

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 [mm²]:	1
Wire section [AWG]:	16
Stripping length [mm]:	7

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	3.1
D2 Ø [mm]:	2.9
D3 Ø [mm]:	1.6
d1 Ø [mm]:	1.8
L1 [mm]:	32
T1 [mm]:	6.4

Pin contact size 16, 1.5mm²

Item number: 10-40557-20-1AU

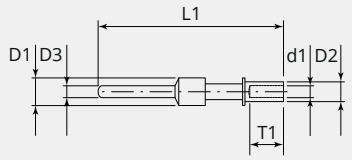
Product weight (kg): 0.001 kg

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 [mm²]:	1.5
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]:	32
T1 [mm]:	6.4