

GTM12 Bulkhead receptacle, d-code

according EN 61076-2-101

Item number: GTM12-D-4-FS-BR

Product weight (kg): 0.0383 kg

Packing unit: 1



MECHANICAL PROPERTIES

Design: Bulkhead receptacle

Version: Straight

Coding: D

Number of contacts: 4

Connection type: Crimp

Contact type: Socket contact

Number of mating cycles (min.): 200

Wire section [mm²]: 0.34 - 0.5

Wire section [AWG]: 22 - 20

Cable diameter [mm]: 5.0 - 8.5

Operation temperature [°C]: -55 - +85

Shell material: Brass

Surface: Electroless nickel

MECHANICAL PROPERTIES

RoHS-compliant: compliant with exception 6c (copper alloy $\leq 4\%$ lead)

REACH-compliant: SVHC substances, yes - Lead

Contact Material: AU over copper alloy

EMI: Yes

Cable strain relief: Cable gland

EMC shielding: EMI spring

THERMAL PROPERTIES

Material contact insert: Latamid 6H-V0

Operating temperature insert [°C]: -55 - +85

ELECTRICAL PROPERTIES

Insulation resistance (Ω): $\geq 10^{10}$

Potential drop between contacts and housing [kV]: 1.4

Potential drop across contacts [kV]: 0.84

Data transfer speed: 10/100 Mbits/s - Cat5e

Pollution degree: 3

Test voltage DC [V]: 2.500000000

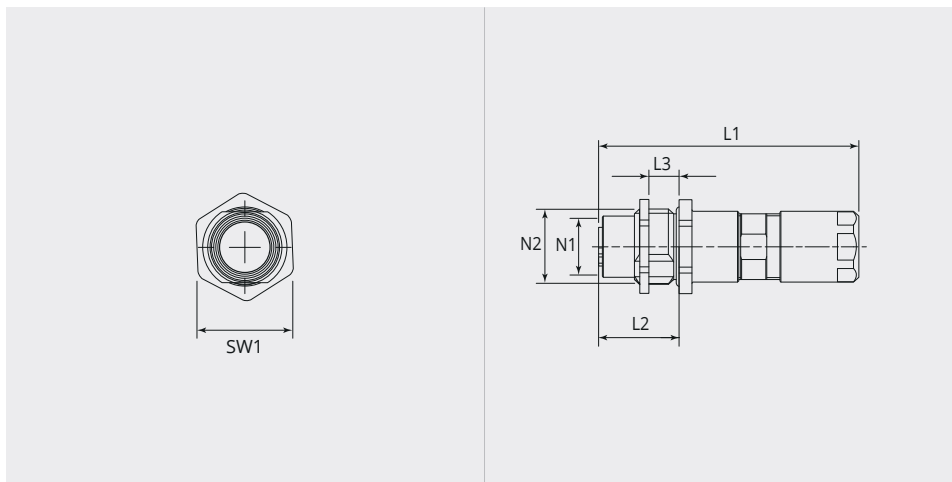
Rated DC voltage [V]: 63

Rated current [A]: 4

STANDARDS

Fire protection class EN 45545-2:	R23: HL1/HL2/HL3
Fire protection class NF F 16-101 / NF F 16-102:	I2/F2
Protection class EN 60529 (mounted):	IP67
RoHS-compliant:	compliant with exception 6c (copper alloy $\leq 4\%$ lead)
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS



DIMENSIONS

L1 [mm]:	50.0
L2 [mm]:	15.3
L3 [mm]:	5.5



DIMENSIONS

N1:	M12x1
N2:	M16x1.5
WS1:	18

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- Please contact your Gimota partner for other M12 products
 - Gimota M12 connectors are **supplied including contacts**.

M12 socket contacts, AWG 22 - 20, 100 pcs.

Item number: GTM12SC20AU.100

Packing unit: 1



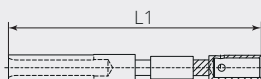
MECHANICAL PROPERTIES CONTACTS

Contact type:	Socket
Contact Material:	CU alloy
Coating:	Gold
Protective layer:	Gold plated, 0.4µm
Operating temperature [°C]:	-55 - +85
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm²]:	0.34 - 0.5
Wire section [AWG]:	22 - 20

STANDARDS

RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	1.65
d1 Ø [mm]:	1.10
L1 [mm]:	17.00
T1 [mm]:	3.80

M12 socket contacts, AWG 22 - 20, 20 pcs.

Item number: GTM12SC20AU.20
Product weight (kg): 0.0002 kg
Packing unit: 1



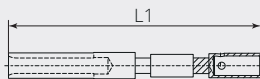
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Protective layer:	Gold plated, 0.4µm
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DIMENSIONS



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D1 Ø [mm]:	1.65
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