

# GTM12 Circuit board socket, elbow, d-code



according EN 61076-2-101, for combined front panel and circuit board installation

Item number: GTM12-D-4-FS-90-PCB

Net weight: 0.0100 kg

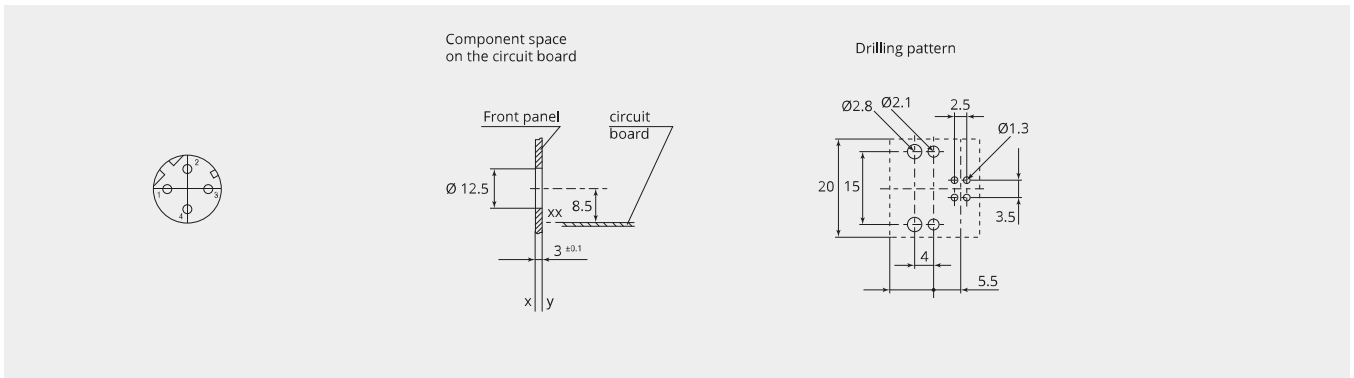
Packing unit: 1

## Mechanical properties

Coding:	D
Number of contacts:	4
Strand/wire adaptation:	Soldering (THT)
Contact type:	Socket
Contact Material:	0.4μ AU over copper alloy
Shell material:	Brass
Surface treatment:	Electroless nickel
Operation temperature:	-40°C - +90°C
EMI:	Yes
Material sealing ring:	EPDM
Number of mating cycles (min.):	200
ROHS compliant:	compliant with exception 6c (copper alloy ≤ 4% lead)
REACH compliant:	SVHC substances, yes - Lead

## Thermal properties

Material contact insert:	Latamid 6H-V0
Operating temperature:	-40°C - +90°C
Fire protection class DIN EN 45545-2:	R23: HL1/HL2/HL3



## Electrical properties

<b>Insulation resistance (<math>\Omega</math>):</b>	$\geq 10^8$
<b>Potential drop between contacts and housing (KV):</b>	1.4
<b>Potential drop across contacts (KV):</b>	1.4
<b>Data transfer speed:</b>	10/100 Mbits/s - Cat5e
<b>Pollution degree:</b>	3
<b>Rated surge voltage (KV):</b>	2.5
<b>Rated voltage (VDC):</b>	250
<b>Rated current (A):</b>	4

Please contact your Gimota partner for other M12 products