

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

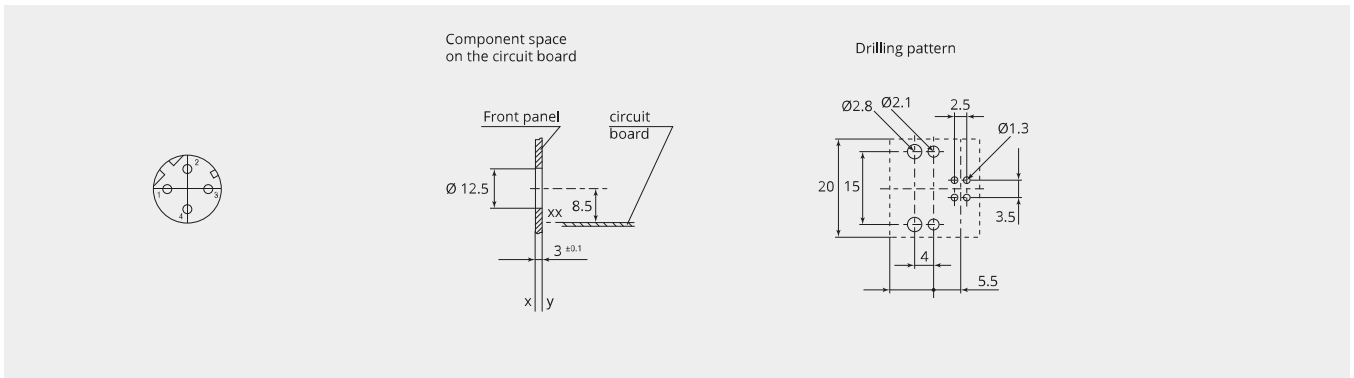
Packing unit: 1

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

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

Please contact your Gimota partner for other M12 products