

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

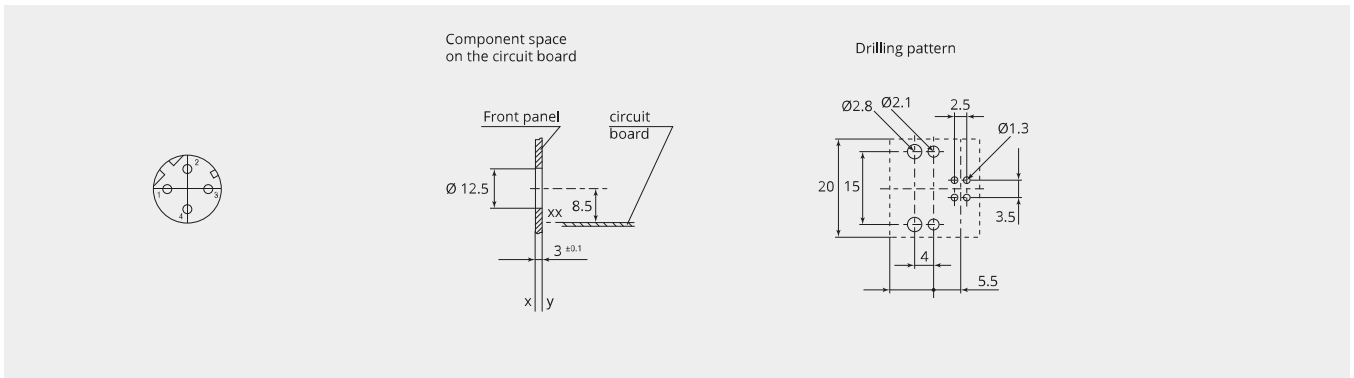
Packing unit: 1

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