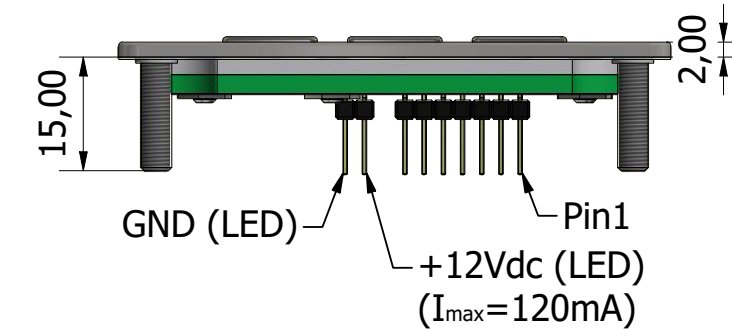




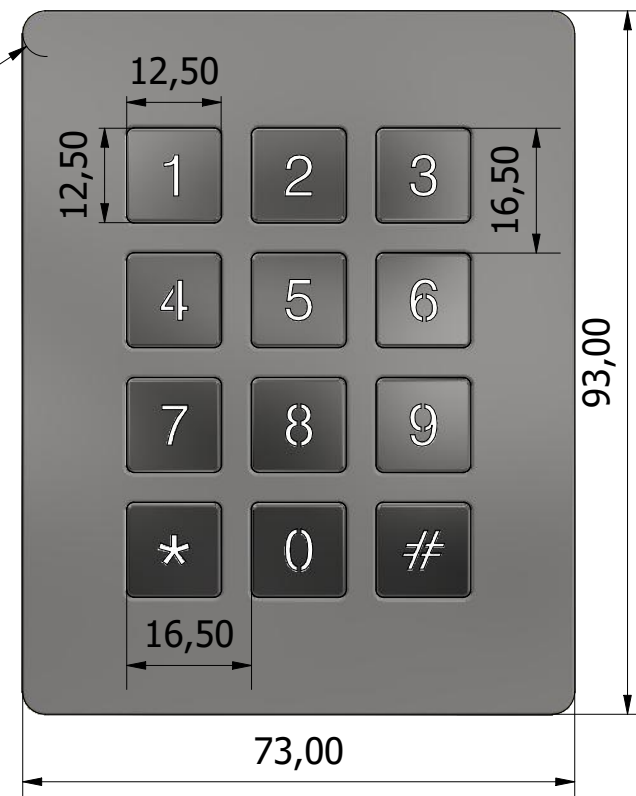
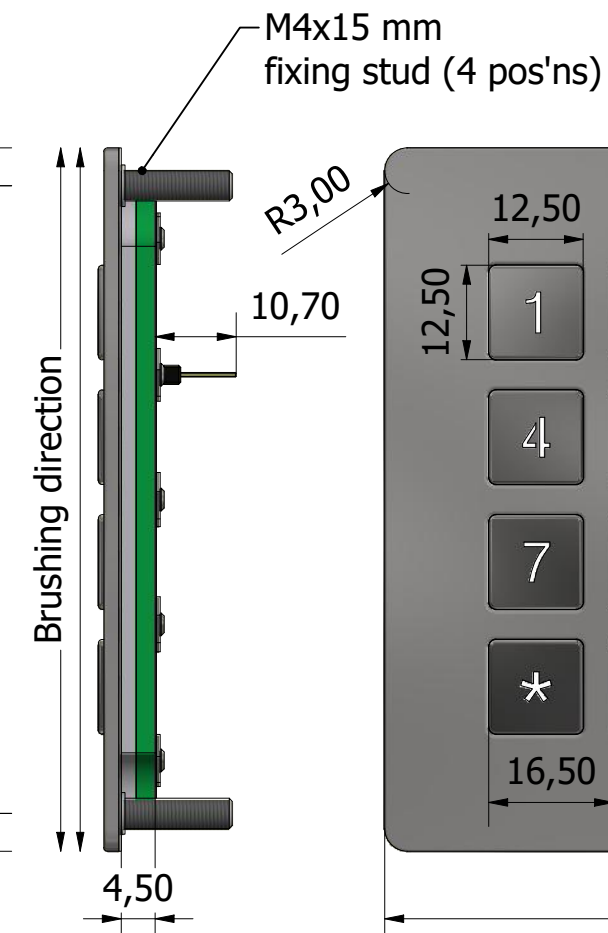
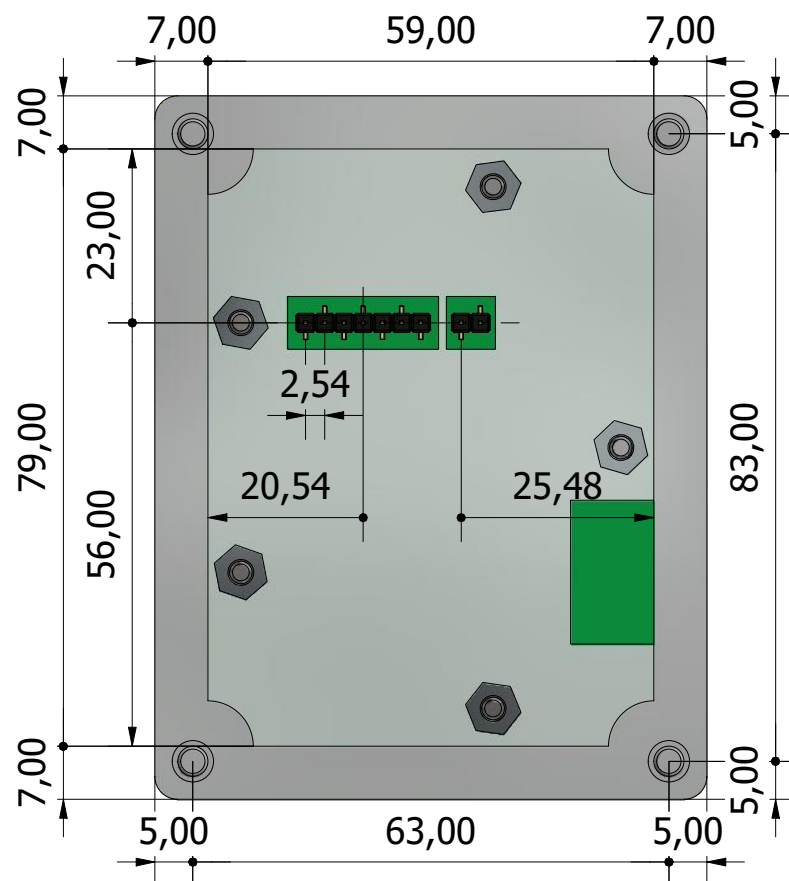
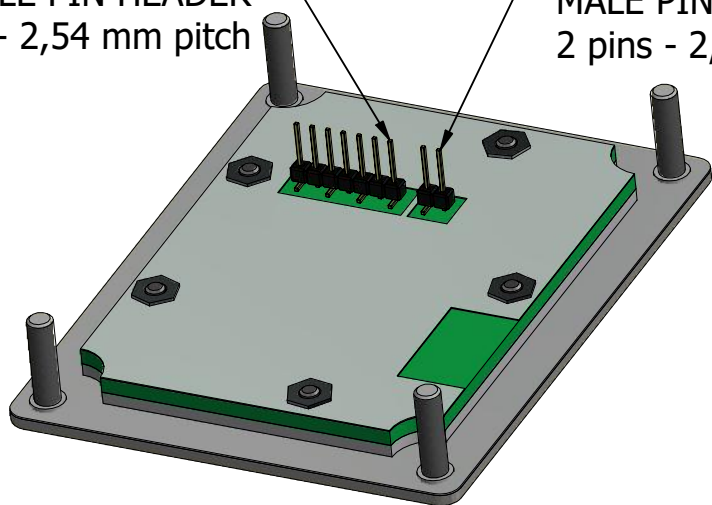
Backlit symbols
(standard color WHITE;
other colors available on request)

| Pin-Out | | | |
|---------|------|------|------|
| | Pin1 | Pin2 | Pin3 |
| Pin4 | 1 | 5 | 9 |
| Pin5 | 3 | 7 | * |
| Pin6 | 4 | 8 | # |
| Pin7 | 2 | 6 | 0 |



Keyboard connection
MALE PIN HEADER
7 pins - 2,54 mm pitch

LED backlighting
MALE PIN HEADER
2 pins - 2,54 mm pitch



| | |
|------------------------|--|
| Material | AISI 316L Stainless Steel (2,00 mm thick) front plate; AISI 316L Stainless steel (1,5 mm thick) buttons with built-in silicone rubber sealing gasket |
| Lettering | white opalescent polycarbonate infill |
| Button stroke | 0,6 mm +/- 0,1 mm |
| Actuation force | 4,0 N (typical) |
| Life expectancy | >3.000.000 cycles |
| IP Protection rate | IP65 |
| Impact Protection Rate | IK08 |
| Contact technology | Stainless steel metal dome on Gold plated PCB |
| Contact resistance | <30 Ohm (Vmax=12Vdc; Imax=20mA) |
| Insulation resistance | >500K Ohm (Vmax=12Vdc; Imax=20mA) |
| Operating temperature | -25°/+85°C |
| Storage temperature | -25°/+85°C |

Grafos Steel S.r.l.
Via Treves 19/21
41043 Formigine (MO) ITALY
Tel. +39.059.57.50.267
www.grafossteel.it

Title: Digi Inox Keyboard; 12 buttons (Q12 keycap) white illuminated; front mount

P/N: **DGI.12Q12.F-B**

Rev:

File: DGI.12Q12.F-B (Data sheet).idw

Dimensions without indicated tolerances - precision according to:

ISO 2768 F

| Tolerance class | Lenght (mm) | | |
|-----------------|-------------|--------|---------|
| | >0 - 6 | >6-30 | >30-120 |
| C (Coarse) | ± 0.2 | ± 0.5 | ± 0.8 |
| M (medium) | ± 0.1 | ± 0.3 | ± 0.5 |
| F (Fine) | ± 0.05 | ± 0.15 | ± 0.2 |

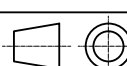
Drawn:

A.Tosi

Approved:

Sheet: 1

Of: 1



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS