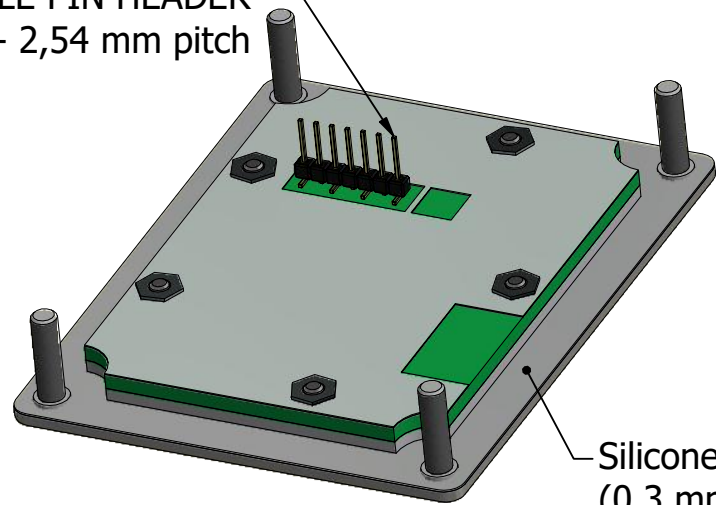


Keyboard connection  
MALE PIN HEADER  
7 pins - 2,54 mm pitch



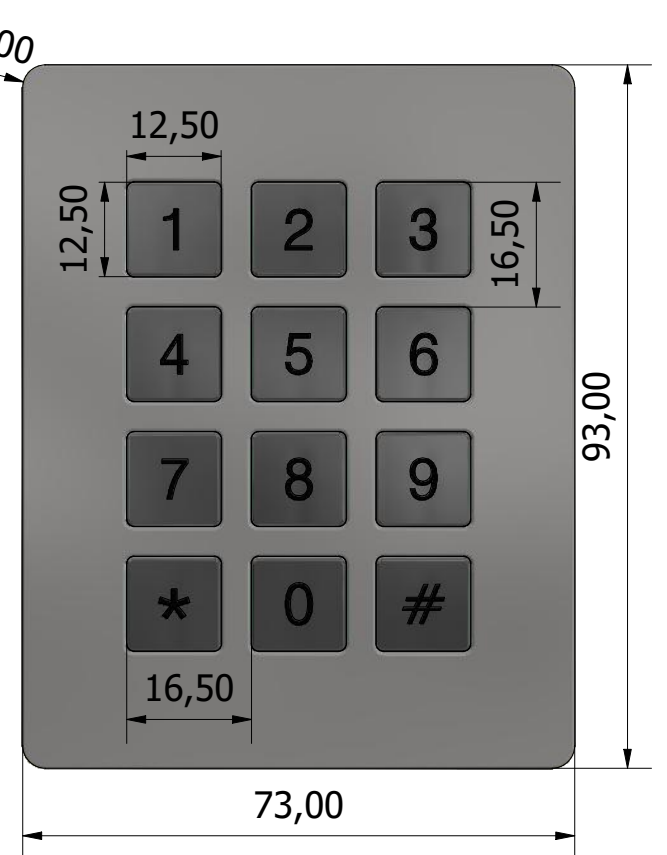
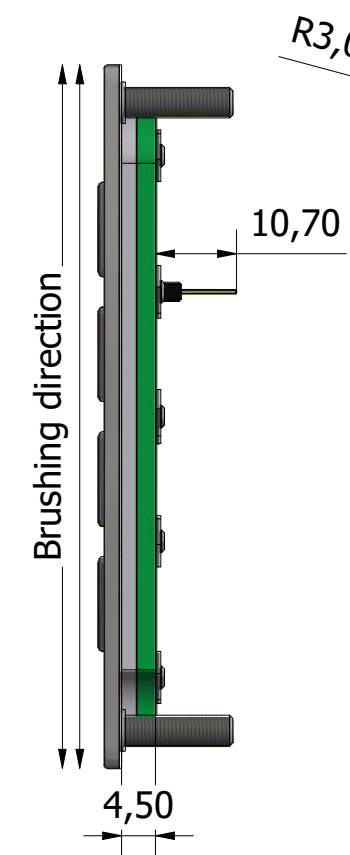
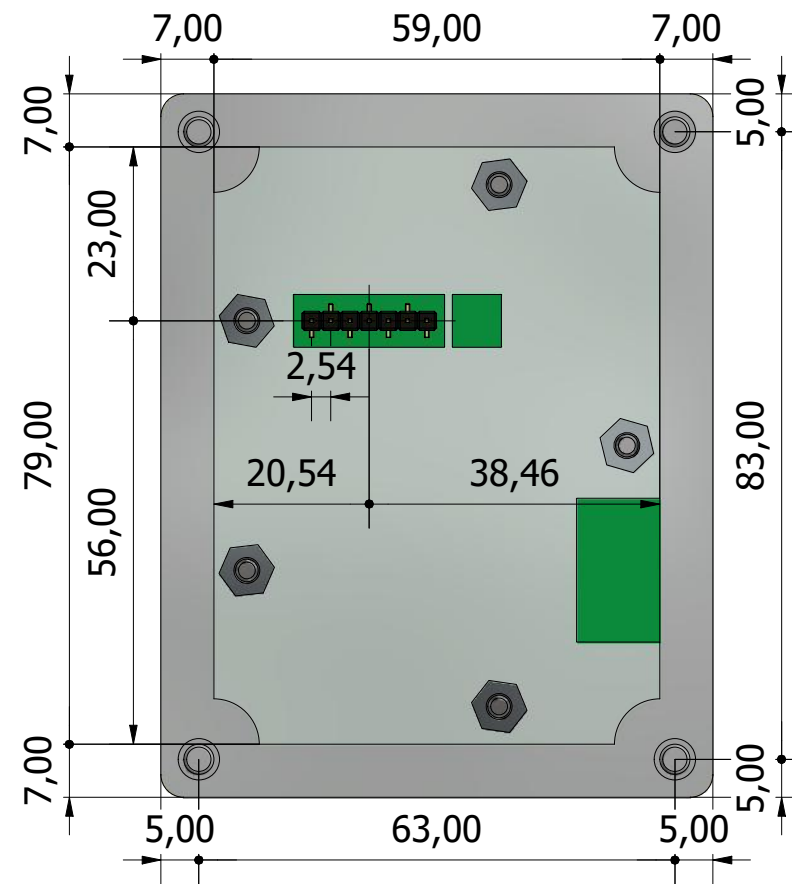
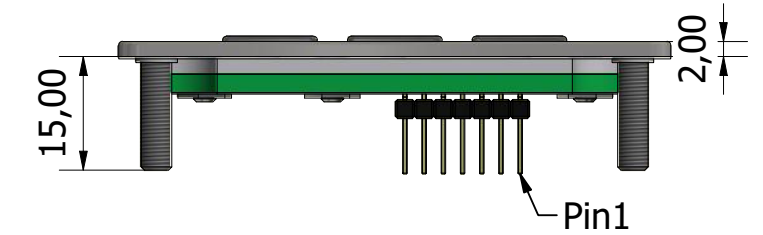
Silicone rubber sealing gasket  
(0,3 mm thick)



M4x15 mm fixing stud (x4)

**Pin-Out**

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



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	Chemical etching and colour filling (epoxy paint)
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

Date:  
12/12/2013

Material:  
-

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

P/N: **DGI.12Q12.F** Rev: File:  
DGI.12Q12.F (Data sheet).idw

Dimensions without indicated tolerances -  
precision according to:

ISO 2768 F

Tolerance class	Lenght (mm)			
	>0 - 6	>6-30	>30-120	>120-400
C (Coarse)	± 0.2	± 0.5	± 0.8	± 1.2
M (medium)	± 0.1	± 0.2	± 0.3	± 0.5
F (Fine)	± 0.05	± 0.1	± 0.15	± 0.2

Drawn:  
A. Tosi

Approved:

Sheet: 1 Of: 1



**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS**