

GBC-1005



Construction

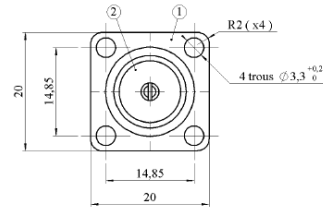
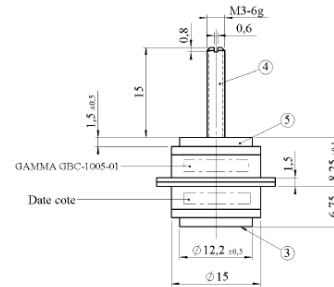
The GBC-1005 dampers are made of elastomers with high mechanical fatigue properties and very high damping, allowing to reach a transmissibility at resonance lower than 4,5 according with loads and input levels

The mechanical parts are made of aluminium alloy chromate treated (Surtec 650) to be REACH compliant
Their fixing is realized, onto the support plate, by means of 4 holes for M3 screws on a 14.85 mm square and by means of a centre M3 stainless steel screw

Approximate weight of damper: 10 grams

Applications

These isolators are suitable in a very large application field, for insulation of sensitive equipment like navigation and guidance units, hard disks, video recorders, or other small electronic devices and computers on board or on fixed station



Characteristics

It is possible to apply the load in all directions
The vibrations levels can reach $\pm 0,15\text{mm}$ at his resonance frequency
The axial to radial stiffness factor is about 1

The operative temperature range is from -55°C to $+150^{\circ}\text{C}$

The Shelf life is of 10 Years in normal conditions (NF-L-17-103)

