

## Acousto-optic Q-switch QSGSU-5

### Description

QSGSU-5 acousto-optic Q-switch is a water-cooled acousto-optic Q-switch which is designed for the YAG laser with a laser power of 30~50W. It can be widely applied in various s of laser processing equipment, such as laser marking machine, scribing machine, engraving machine, cutting machine and fine processing machine.



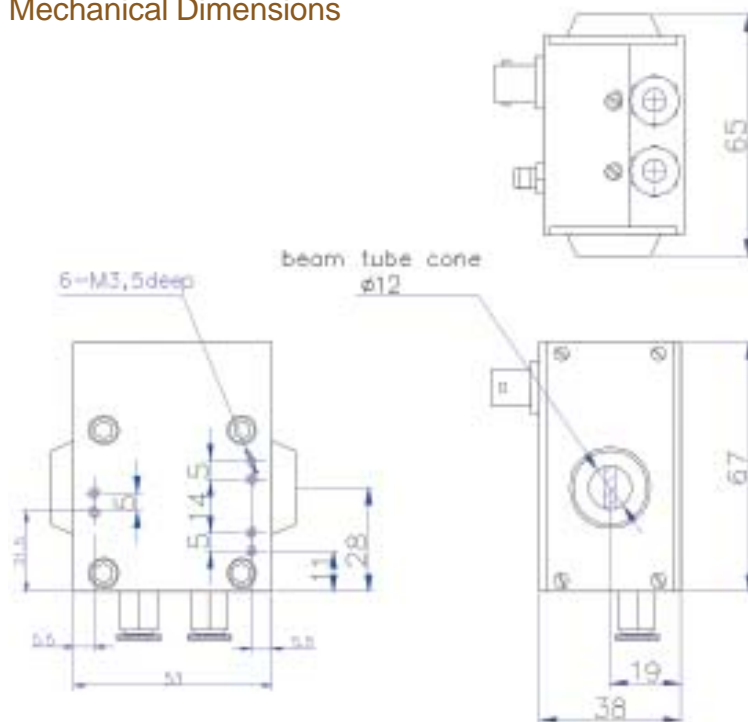
### Characteristics

This product has such characteristics as quick modulation rate, low insertion loss, high damage threshold, convenient use, stable and reliable work and high cost performance, and also has the first pulse suppression function.

### Specification

Interaction Material	Fused Silica
Wavelength	1.06 $\mu$ m
frequency	27 $\pm$ 0.1MHz
Anti-Reflection Coating	< 0.2% per surface
Transmission (single pass)	> 99.6%
Damage threshold	> 500MW/cm <sup>2</sup>
VSWR	$\leq$ 1.2 (50 $\Omega$ input impedance)
Active Aperture	3~5mm
Protection	Automatic protection function of overheating

### Mechanical Dimensions



This product is provided with drivers, and can be customized according to user requirements.