The Q1072-SF24L is a glass acousto-optic Q-switch designed for use with DPSS Nd:YLF and Nd:YAG lasers.

**Preliminary Specifications**

- **Acoustic Frequency:** 24MHz
- **Interaction Material:** SF10 Glass
- **Wavelength:** 1047nm to 1064nm
- **Active Aperture:** 1.5mm
- **Acoustic Mode:** Longitudinal
- **Polarization:** Linear
- **Static Loss:** <1%
- **Damage Threshold:** >300MW/cm²
- **Cavity Insertion Loss:** <10%
- **Diffraction Efficiency @RF Power:** >65% @ 3 Watts (nominal) >80% @ 5 Watts (nominal) <1.2:1
- **VSWR:** < 1.2:1
- **Cooling:** Conduction
- **Input Impedance:** 50 Ohms

**Outline Drawing**