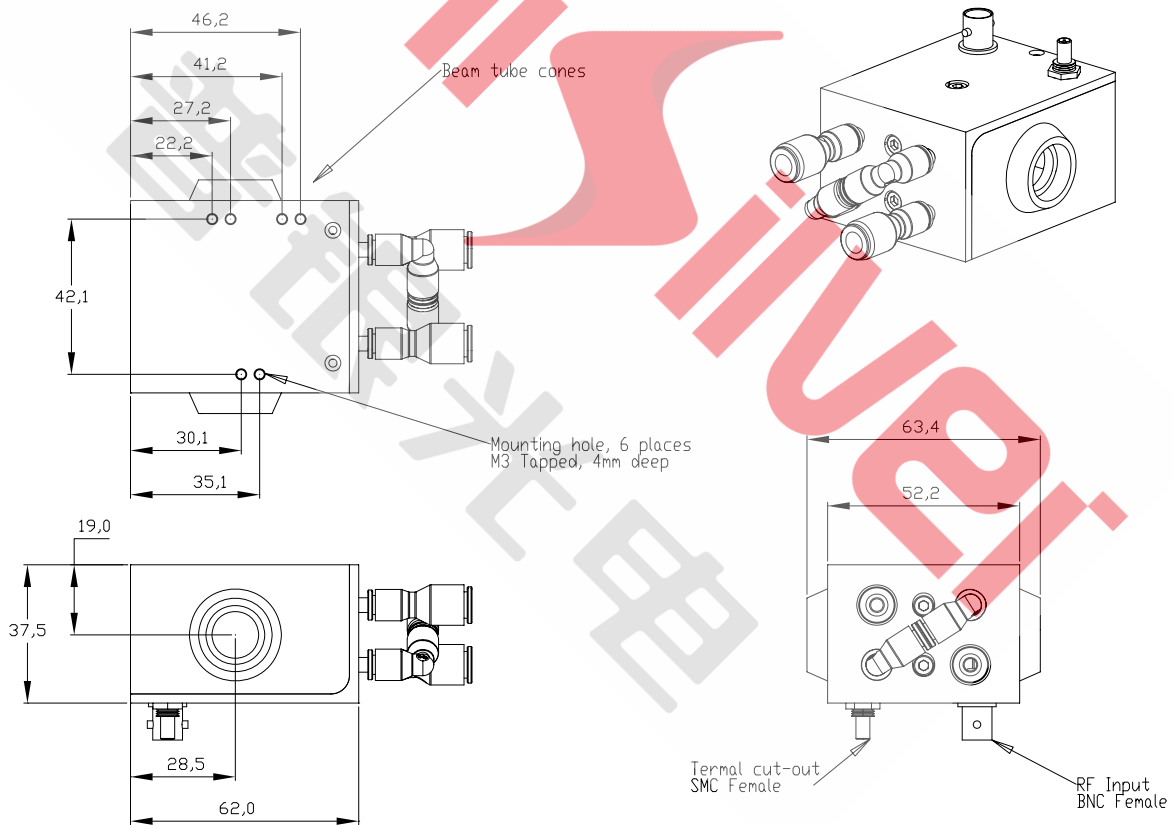


I-QS050-1.4V10M-U5-HI10 Specification:

Model No:	I-QS050-1.4V10M-U5-HI10
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	2053nm
Damage threshold:	> 500MW/cm ²
AR coating reflectivity:	< 0.2% per surface
Transmission:	> 99.6%
Frequency:	50MHz
VSWR:	< 1.2:1 at 0dBm (50Ω)
Optical polarisation:	Linear, vertical to base
Active aperture:	1.4mm
Acoustic mode:	Very High Efficiency (VHE)
Loss modulation:	≥ 95% ¹
Maximum RF power:	100W
Water flow rate:	> 0.2l / minute
Recommended water temperature:	22°C to 32°C
Thermal switch cut-off:	65°C ± 5%
Housing:	Stallion, St/St 316 water channels ²



¹ Loss modulation is the theoretical value, the actual achievable loss modulation is not guaranteed.

² Device with 6mm OD right angle push-in water connectors, 6mm OD straight push-in type illustrated.

Revision No: 1.1

Date: 16/03/09

Enabling Optical Technologies

Gooch & Housego (UK) Ltd

Dowlsh Ford, Ilminster,
Somerset, TA19 0PF, UK

T +44 (0) 1460 256440 **F** +44 (0) 1460 256441

E sales@goochandhousego.com

W www.goochandhousego.com



Certificate No. FM 28257