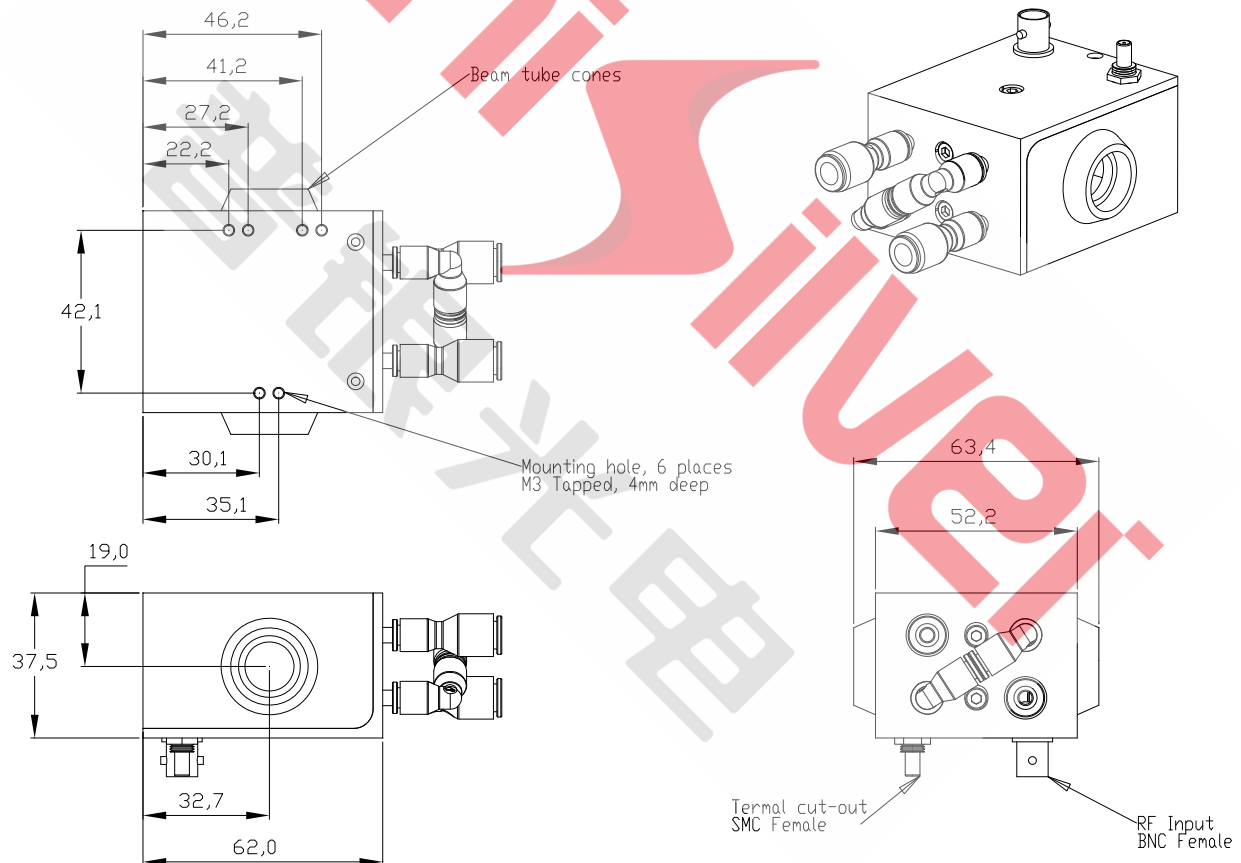


I-QS027-2C4Y-x5-ST1 Specification:

Model No:	I-QS027-2C4Y-x5-ST1
Device:	AO Q-Switch
Interaction material:	Fused Silica
Wavelength:	912nm
Damage threshold:	$> 1\text{GW}/\text{cm}^2$
AR coating reflectivity:	$< 0.2\%$ per surface
Transmission:	$> 99.6\%$
Frequency:	27.12MHz
Optical polarisation:	Linear, vertical to base
Active aperture:	2.0mm
Acoustic mode:	Compressional
Loss modulation:	$\geq 80\%$
Maximum RF power:	50W
Water flow rate:	$> 0.2\text{l} / \text{minute}$
Recommended water temperature:	22°C to 32°C
Thermal switch cut-off:	$55^\circ\text{C} \pm 5\%$
Housing:	Stallion, St/St 316 water channels
Water connectors:	To be specified ¹



¹ Choice of 4mm or 6mm OD / straight or right angle push-in type, 6mm OD straight push-in type illustrated.

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Enabling Optical Technologies

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