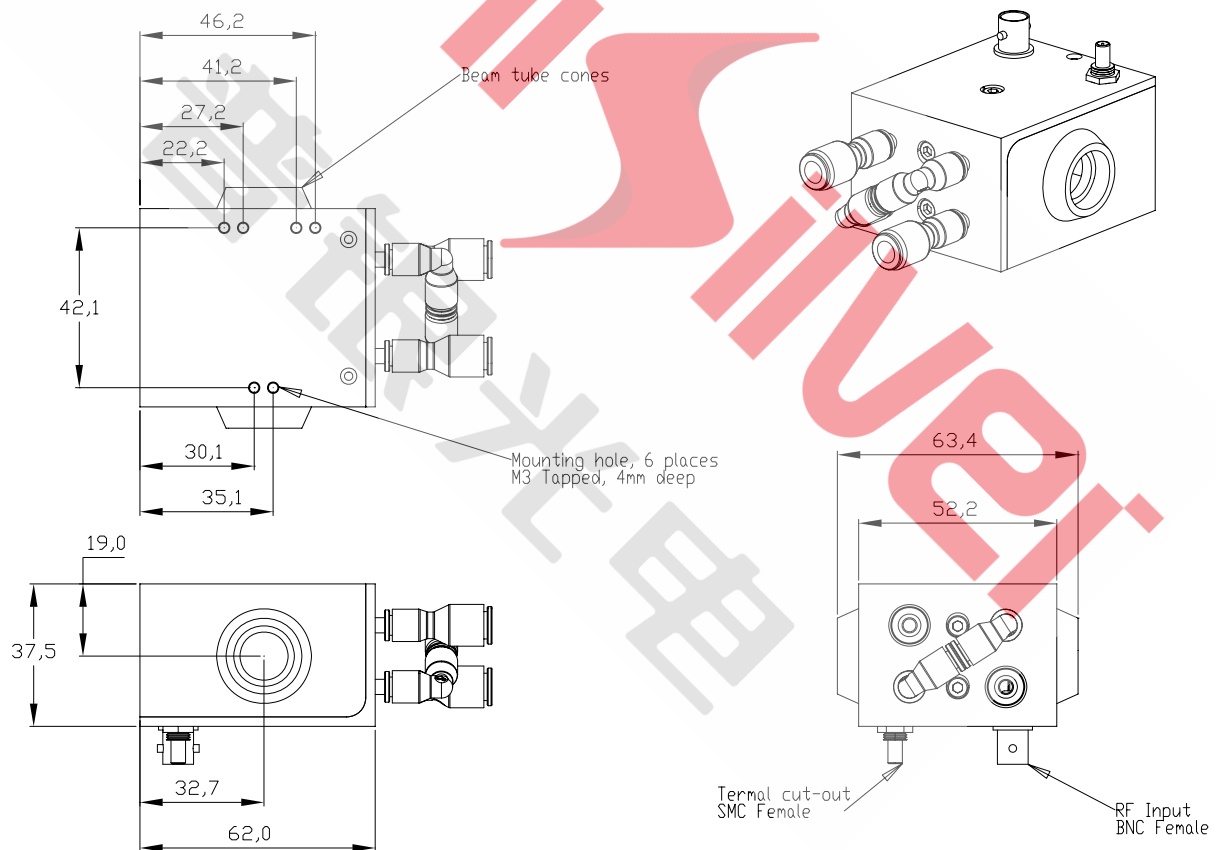


I-QS027-4S4V5-x5-ST1 Specification:

Model No:	I-QS027-4S4V5-x5-ST1
Device:	AO Q-Switch
Interaction material:	Fused Silica (Infrasil, water-free)
Wavelength:	2000nm
Damage threshold:	> 500MW/cm ²
AR coating reflectivity:	< 0.2% per surface at 2000nm < 0.5% per surface at 1900-2050nm
Transmission:	> 99.6%
Frequency:	27.12MHz
Optical polarisation:	Random
Active aperture:	4.0mm
Acoustic mode:	Shear
Loss modulation:	~ 45%
Maximum RF power:	100W
Water flow rate:	> 0.2l / minute
Recommended water temperature:	22°C to 32°C
Thermal switch cut-off:	55°C ± 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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