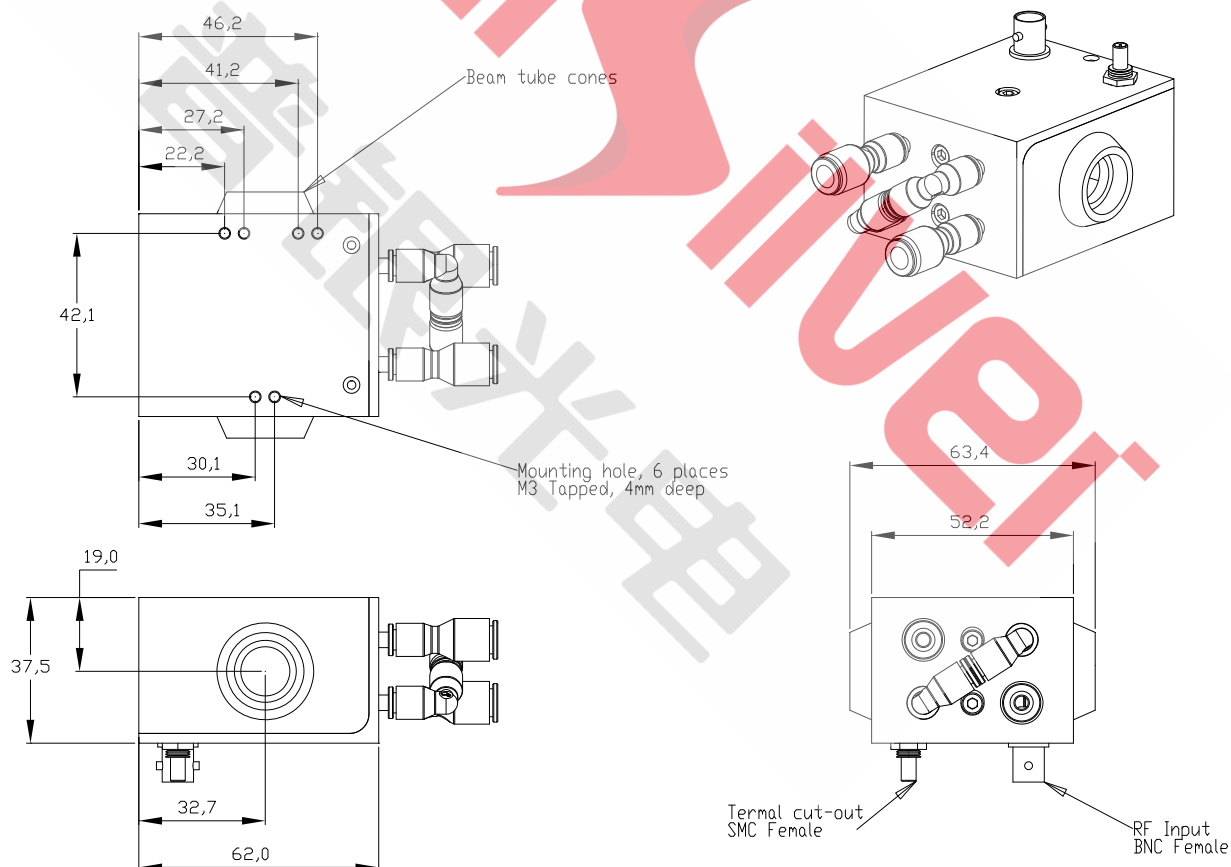


I-QS027-4C4H-x5-ST1 Specifications:

Model No.:	I-QS027-4C4H-x5-ST1
Device:	AO Q-Switch
Interaction material:	Fused Silica (Infrasil, water-free)
Wavelength:	1319 - 1342nm
Polarisation:	Linear (vertical to base)
Damage threshold:	> 500MW/cm ²
AR Coating reflectivity:	< 0.2% per surface
Frequency:	27.12MHz
Acoustic mode:	Compressional
Active aperture:	4.0mm
Clear aperture:	8.0mm
Interaction length:	46.0mm
Loss modulation:	> 80%
Maximum RF power:	50W
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:	Specify: 4 or 6mm OD, straight or R/A



Revision No: 1.0
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Certificate No. FM 28257

Enabling Optical Technologies

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