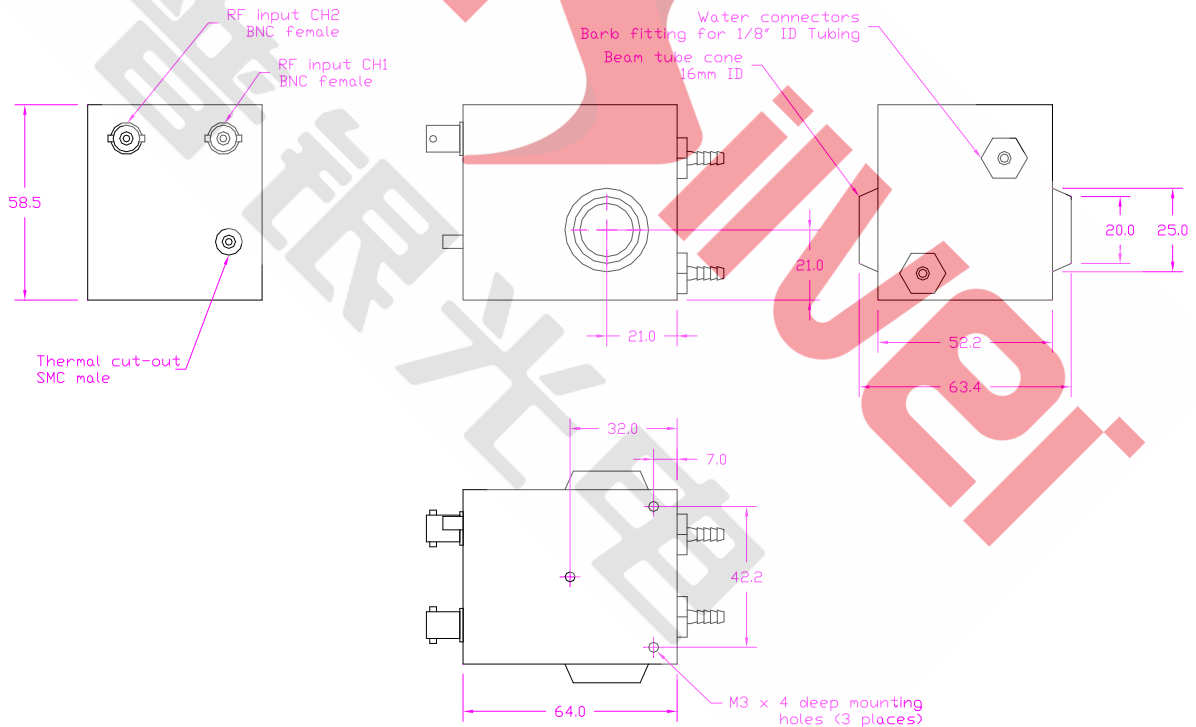


**I-QS027-6.5D10G-B5-xxx Specification:**

Model No:	I-QS027-6.5D10G-B5-xxx
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	1064nm
Damage threshold:	> 1GW/cm <sup>2</sup>
AR coating reflectivity:	< 0.2% per surface
Transmission:	> 99.6%
Frequency:	27.12MHz
VSWR:	< 1.3:1 at 0dBm
Optical polarisation:	Random
Active aperture:	6.5mm
Acoustic mode:	Compressional, dual
Rise-time (10-90%):	113ns/mm
Loss Modulation:	> 90% at 40W RF / Channel
Maximum RF power:	50W per channel
Cooling:	Water
Thermal switch cut-off:	65°C ± 5%
Water connectors:	Barbed
Housing material:	Corrosion resistant treated Aluminium
Temperature range:	-20°C to +70°C



Revision No: N/A  
Date: 26/05/11



Certificate No. FM 28257

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