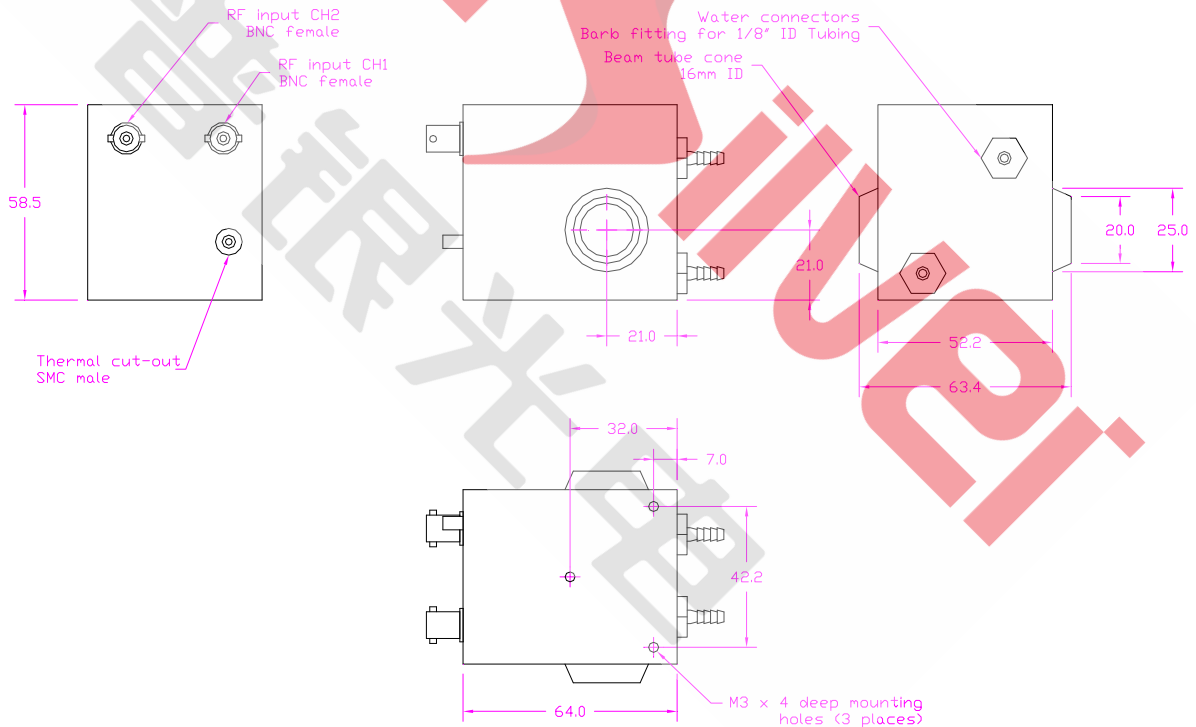


I-QS027-5D10H-B5 Specification:

Model No:	I-QS027-5D10H-B5
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	1319nm
Damage threshold:	> 500MW/cm ²
AR coating reflectivity:	< 0.2% per surface
Transmission:	> 99.6%
Frequency:	27.12MHz
VSWR:	< 1.3:1 at 0dBm
Optical polarisation:	Random
Active aperture:	5.0mm
Acoustic mode:	Compressional, dual
Rise-time (10-90%):	113ns/mm
Loss Modulation:	> 90% at 45W RF / Channel
Maximum RF power:	50W per channel
Cooling:	Water
Thermal switch cut-off:	65°C ± 5%
Water connectors:	Barbed
Housing material:	Aluminium
Temperature range:	-20°C to +70°C



Revision No: 1.0
Date: 15/03/11



Certificate No. FM 28257

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