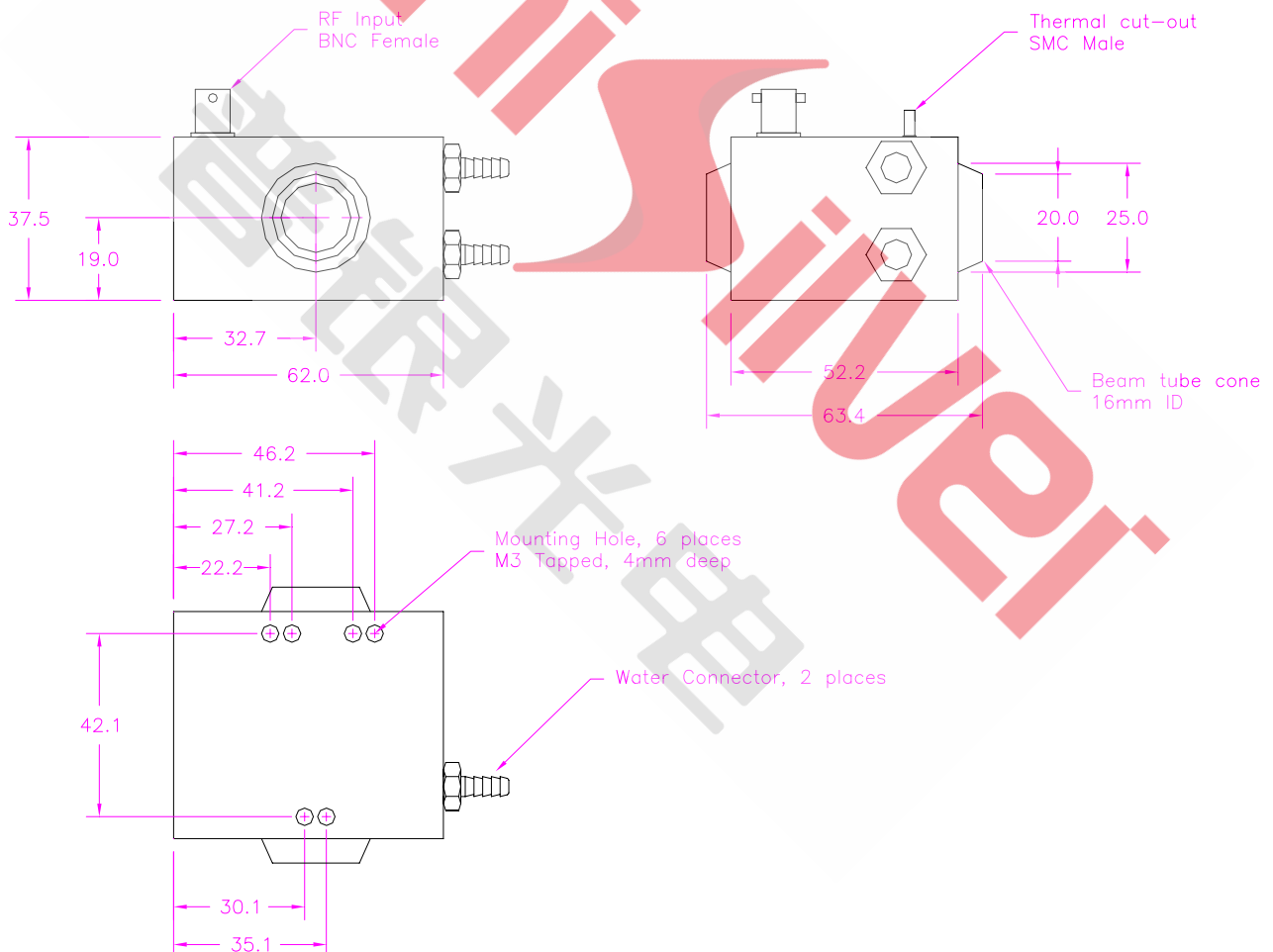


QS027-4G/J-AP4 Specification:

Model No:	QS027-4G/J-AP4
Device:	AO Q-Switch
Interaction material:	Fused Silica
Wavelength:	1064 & 1535nm
Damage threshold:	$> 500\text{MW}/\text{cm}^2$
AR coating reflectivity:	$< 0.2\%$ per surface
Transmission:	$> 99.6\%$
Frequency:	27.12MHz
Optical polarisation:	Random
Active aperture:	4.0mm
Acoustic mode:	Shear
Rise-time (10-90%):	173ns/mm
Loss modulation:	$\geq 80\%$ at 1064nm
RF power:	100W (max)
Cooling:	Water (de-ionised)
Housing:	Aluminium (refer to drawing)



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