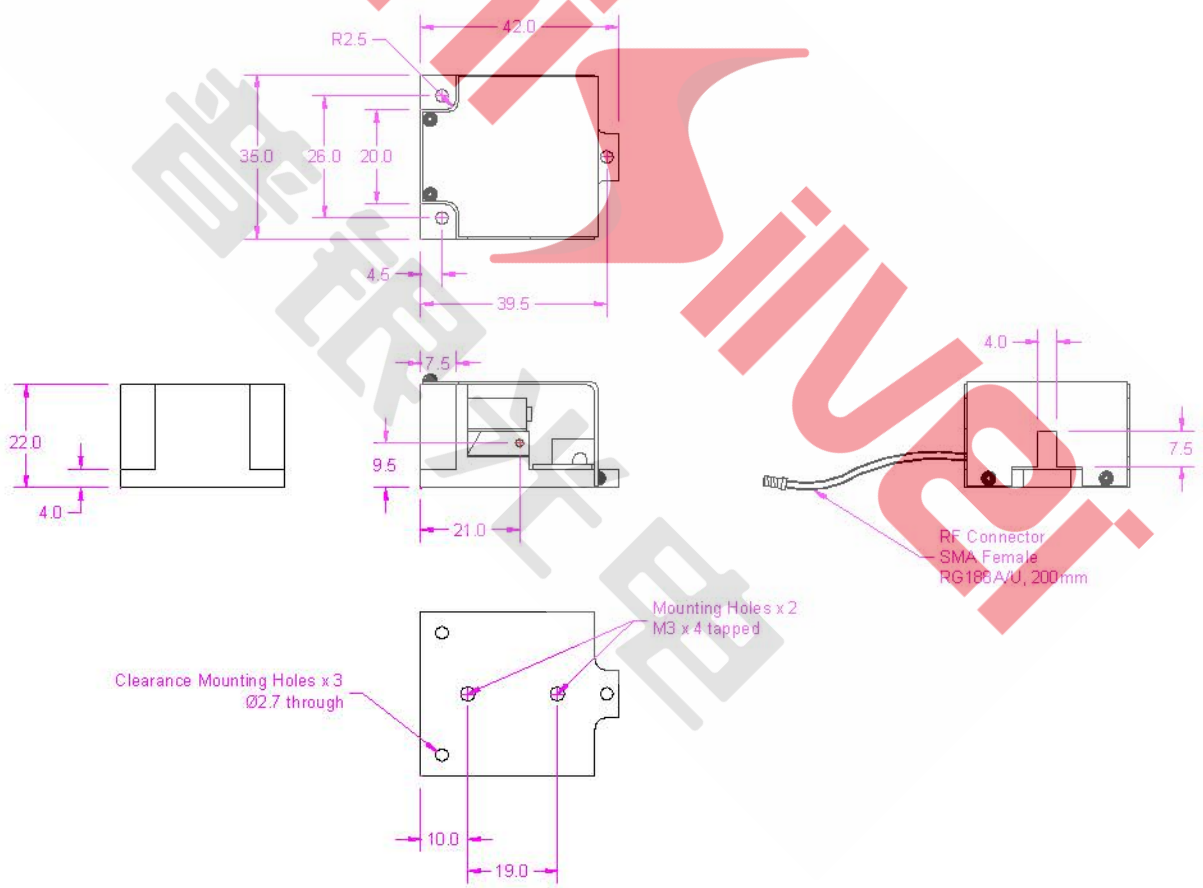
Gooch & Housego

I-QS041-1.4C10L-4-HIxx Specification:

Model No:	I-QS041-1.4C10L-4-HIxx
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	1600 to 1700nm
Damage threshold:	> 500MW/cm^2
AR coating reflectivity:	< 0·3% per surface
Transmission:	> 99·6%
Frequency:	40.68MHz
Optical polarisation:	Linear, vertical to base
Active aperture:	1.4mm
Recommended beam diameter:	~ 0.8mm
Acoustic mode:	Compressional
Rise-time (10-90%):	113ns/mm
Loss modulation:	≥ 80%
Maximum recommended RF power:	20W
Housing:	Refer to drawing



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Enabling Optical Technologies

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