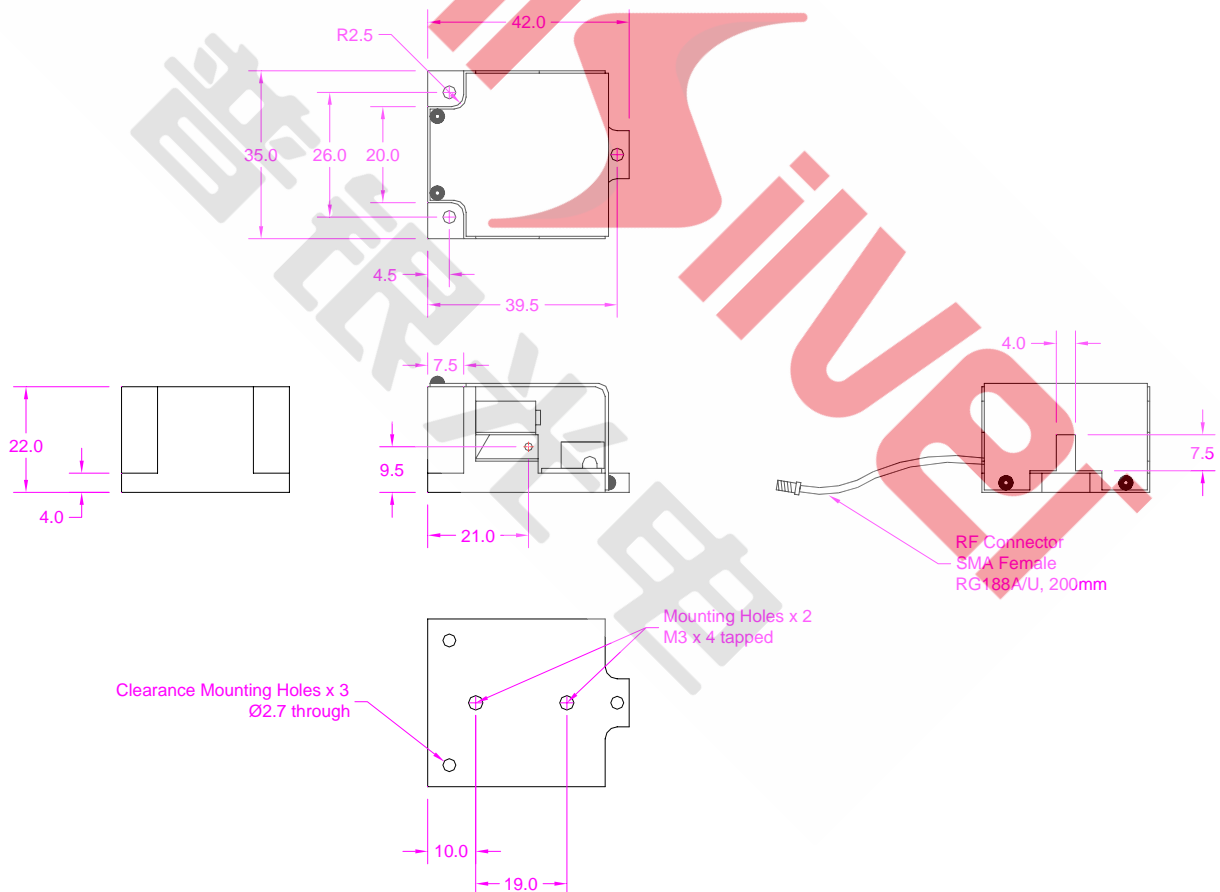


**I-QS041-1.5C10V5-4-xxx Specification:**

Model No:	I-QS041-1.5C10V5-4-xxx
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	2000nm
Damage threshold:	> 500MW/cm <sup>2</sup>
AR coating reflectivity:	< 0.2% per surface at 2000nm < 0.5% per surface at 1900-2050nm
Transmission:	> 99.6%
Frequency:	40.68MHz
Optical polarisation:	Linear, vertical to base
Active aperture:	1.5mm
Acoustic mode:	Compressional
Separation angle:	14.3mrad
Rise-time (10-90%):	113ns/mm
Loss modulation:	>65%
RF power:	20W (max)
Housing:	Refer to drawing



Revision No: 1.0  
Date: 20/10/10



Certificate No. FM 28257

*Enabling Optical Technologies*

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