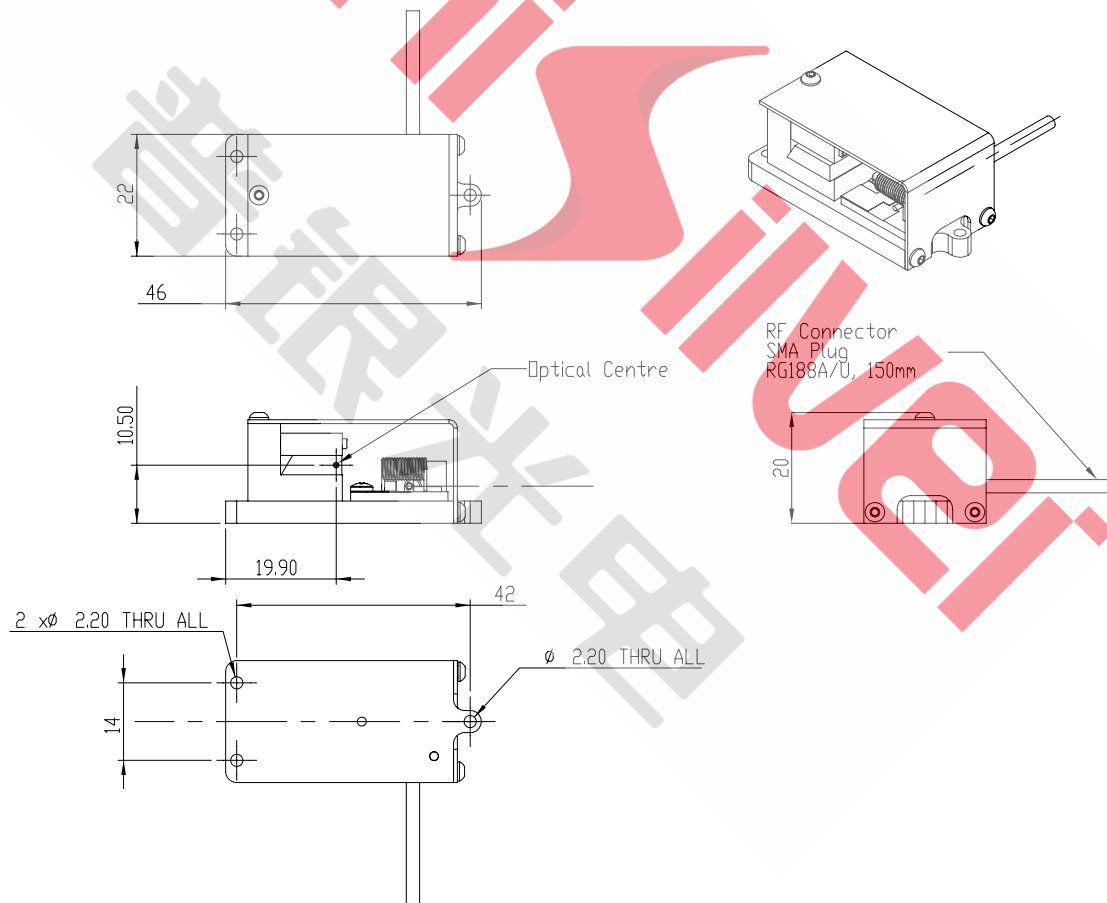


I-QS041-1C10H-8-GH28 Specification:

Model No:	I-QS041-1C10H-8-GH28
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	1319 to 1342nm
Damage threshold:	$> 500\text{MW}/\text{cm}^2$
AR coating reflectivity:	$< 0.2\%$ per surface
Transmission:	$> 99.6\%$
Frequency:	40.68MHz
Optical polarisation:	Linear, vertical to base
Active aperture:	1.0mm
Acoustic mode:	Compressional
Separation angle:	9.5mrad
Rise-time (10-90%):	113ns/mm
Loss modulation:	$\geq 75\%$
Maximum RF power:	10W
Housing:	Refer to drawing



Revision No: 1.0
Date: 21/07/09



Certificate No. FM 28257

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