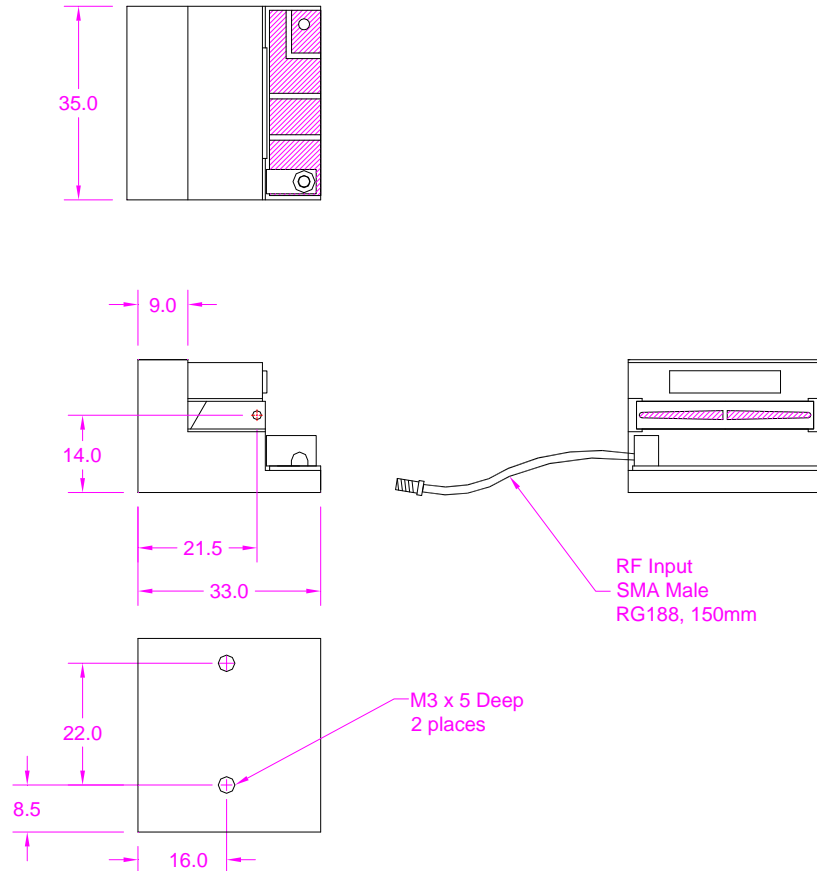


**I-QS041-1.6C10G-4-SO6 Specification:**

Model No:	I-QS041-1.6C10G-4-SO6
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	1064nm
Damage threshold:	> 1GW/cm <sup>2</sup>
AR coating reflectivity:	< 0.2% per surface
Transmission:	> 99.6%
Frequency:	40.68MHz
Optical polarisation:	Linear, vertical to base
Active aperture:	1.6mm
Acoustic mode:	Compressional
Separation angle:	7.6mrad
Rise-time (10-90%):	113ns/mm
Loss modulation:	≥ 85%
Maximum RF power:	20W
Housing:	Refer to drawing



Revision No: 1.0  
Date: 27/04/11

*Enabling Optical Technologies*



Certificate No. FM 28257

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