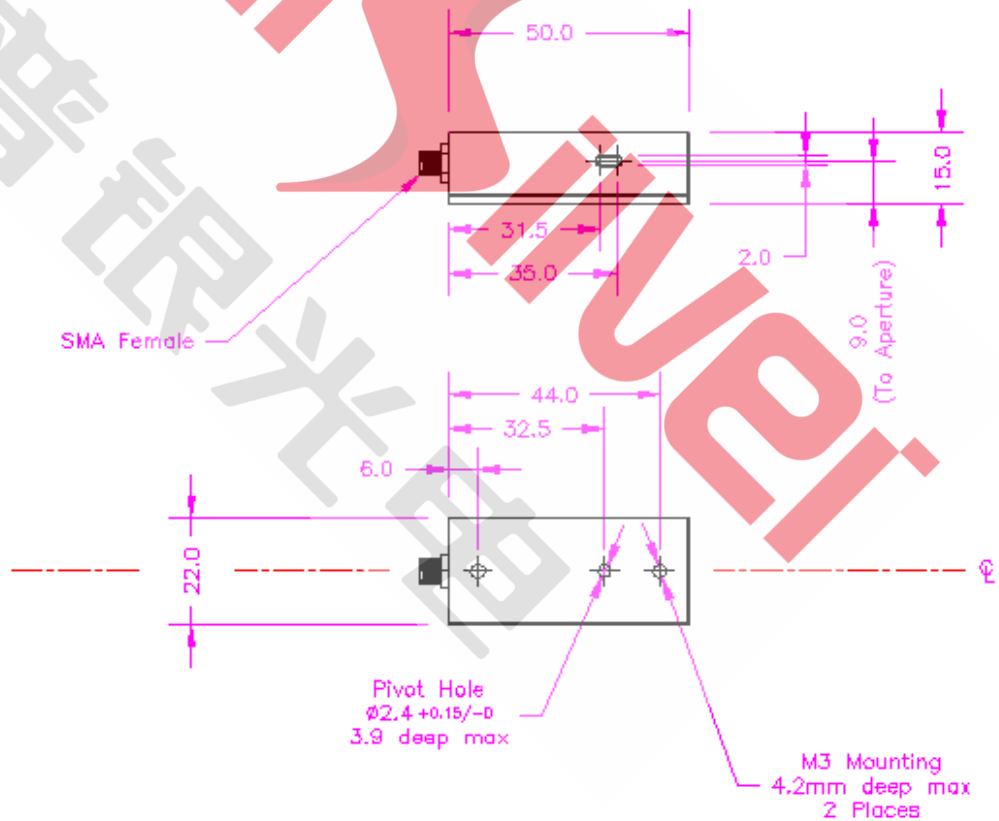


**I-QS041-1C10G-3-xxx Specification:**

Model No:	I-QS041-1C10G-3-xxx
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	912nm
Damage threshold:	> 500MW/cm <sup>2</sup>
Transmission:	> 95.0% at 456nm
	> 96.0% at 808nm
	<b>&gt; 99.5% at 912nm</b>
	> 95.0% at 1063nm
	> 85.0% at 1340nm
Frequency:	40.68 MHz
Optical polarisation:	Linear, vertical to base
Active aperture:	1.0 mm
Acoustic mode:	Compressional
Separation angle:	6.5mrad
Rise-time (10-90%):	113ns/mm
Loss modulation:	≥ 80%
Maximum RF power:	10W
Housing:	Refer to drawing



Revision No: N/A  
Date: 04/08/09

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