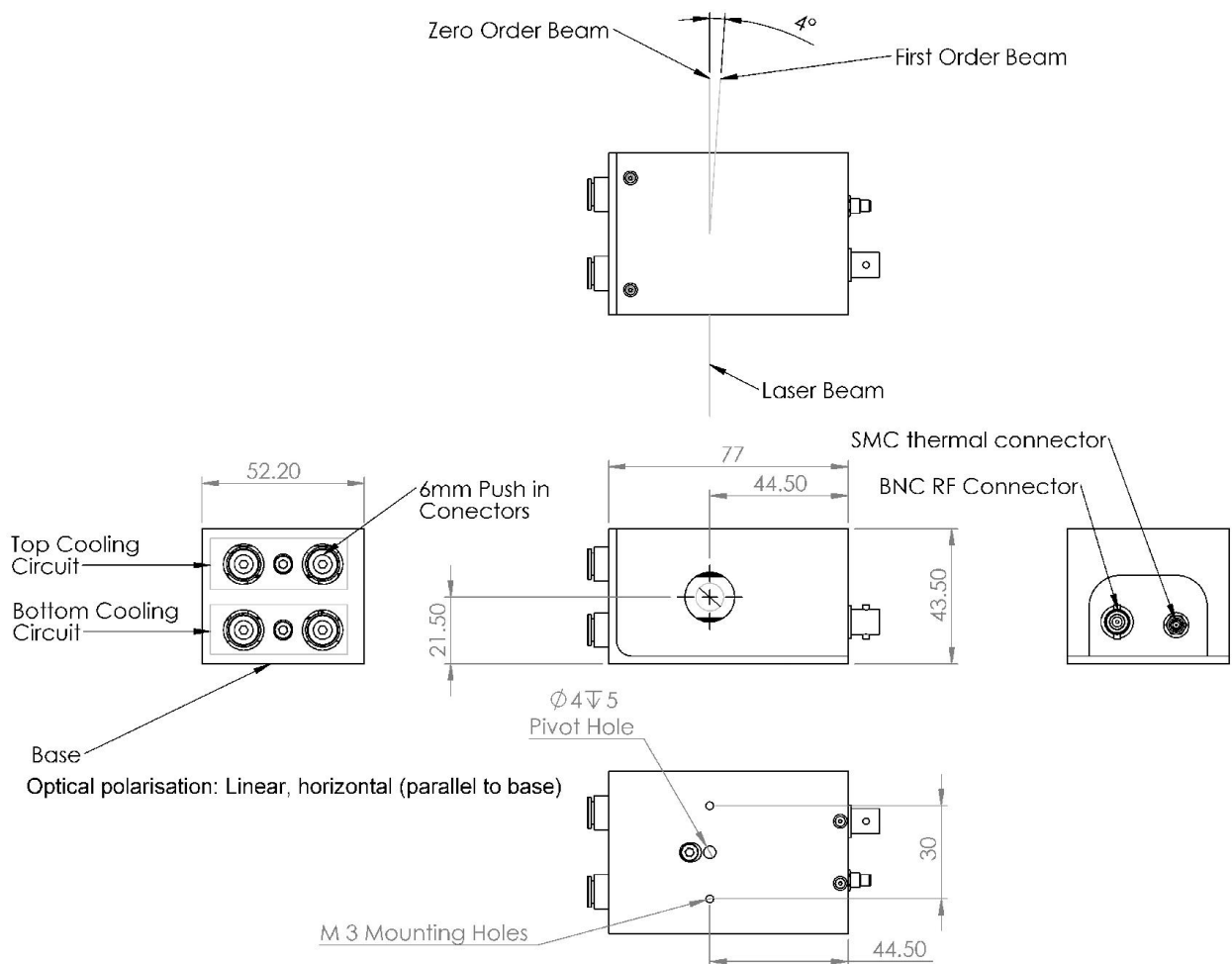


I-M041-5C11B69-P5-XXX Specification:

Model No:	I-M041-5C11B69-P5-XXX
Device:	AO Modulator
Interaction material:	Germanium
Wavelength:	7.0 to 8.0 μm
AR coating reflectivity:	< 0.5% per surface
Transmission:	> 95%
Frequency:	40.68 MHz
Optical polarisation:	Linear, horizontal (parallel to base)
Active aperture:	5.0 mm
Acoustic mode:	Compressional
Separation angle:	54.7 mrad @ 7.4 μm
Rise-time (10-90%):	120 ns/mm
Diffraction efficiency:	$\geq 80\%$
Optimum RF power:	40 W
Maximum RF power:	50 W
Water cooling:	> 1 litre/minute at $\leq 25^\circ\text{C}$ (20 $^\circ\text{C}$ recommended for optimum beam quality)
Housing:	Refer to drawing



Revision No: N/A
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As part of our policy of continuous product improvement we reserve the right to change specifications at any time