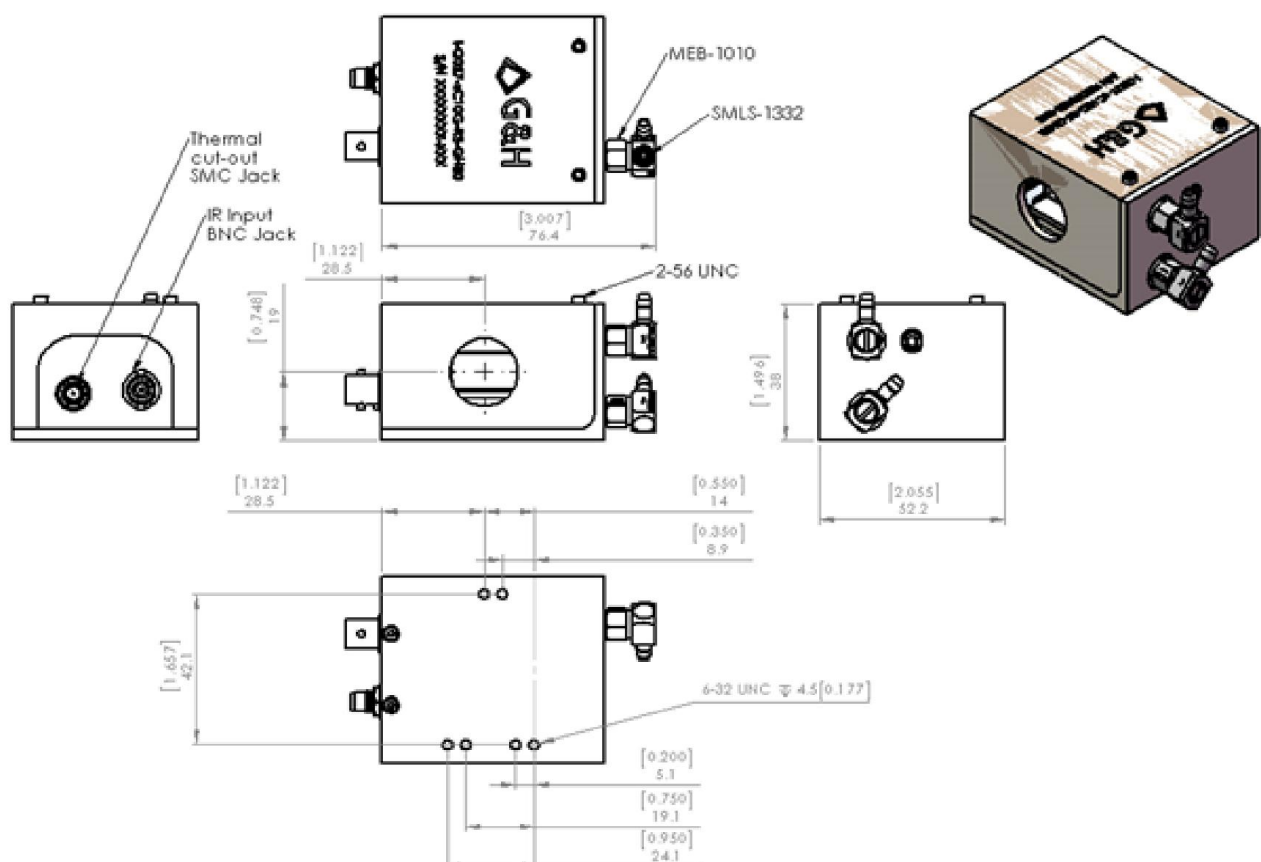


I-QS027-7C10G-R5-GH80 Specification:

Model No:	I-QS027-7C10G-R5-GH80
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	1064nm
Damage threshold:	> 1GW/cm ²
AR coating reflectivity:	< 0.2% per surface
Transmission:	> 99.6%
Frequency:	27.12MHz
Optical polarisation:	Linear, vertical to base
Active aperture:	7.0mm
Acoustic mode:	Compressional
Separation angle:	5.0mrad
Diffraction efficiency:	≥ 85%
Maximum RF power:	70W
Water flow rate:	> 0.2l / minute
Recommended water temperature:	22°C to 32°C
Thermal switch cut-off:	65°C ± 5%
Cooling:	Water
Water connectors:	Beswick SMLS-1332-316-V
Housing material:	Corrosion resistant treated aluminium



Revision No: 2.0
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As part of our policy of continuous product improvement we reserve the right to change specifications at any time