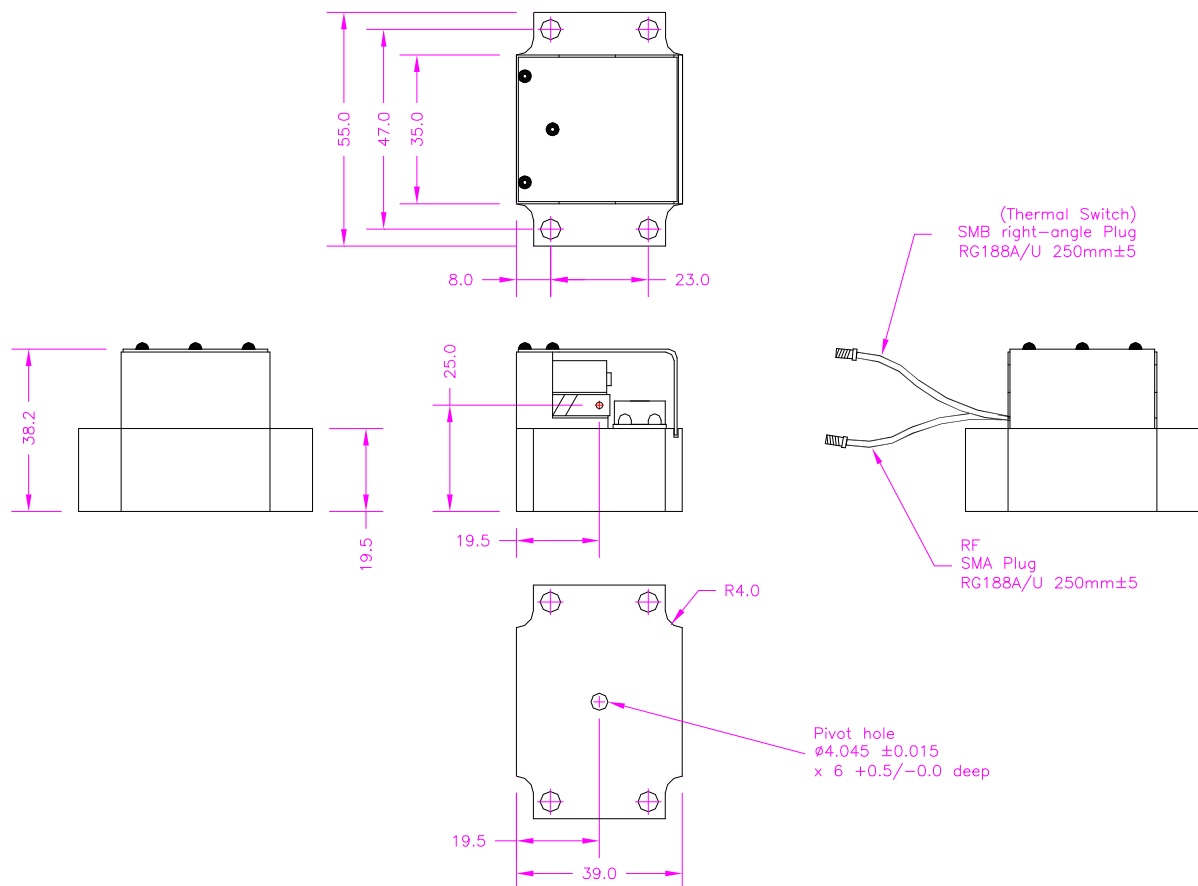


QS041-10G-RS23 Specification:

Model No:	QS041-10G-RS23
Device:	AO Q-Switch
Interaction material:	Crystal Quartz
Wavelength:	1047 to 1064nm
Damage threshold:	$> 1 \text{ GW/cm}^2$
AR coating reflectivity:	$< 0.2\%$ per surface
Transmission:	$> 99.6\%$
Frequency:	40.68MHz
Optical polarisation:	Linear (vertical to base) or random
Active aperture:	2.0mm
Acoustic mode:	Compressional
Separation angle:	7.6mrad
Rise-time (10-90%):	113ns/mm
Loss modulation:	$\geq 85\%$
Maximum RF power:	20W
Test spec:	$> 50\%$ loss modulation at 5W RF
Housing:	Conduction-cooled, Aluminium Base flatness to within 0.05mm



Revision No: 6.2
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As part of our policy of continuous product improvement we reserve the right to change specifications at any time