Specification: 97-03411-01 Rev 5

Document
06/25/18
Control

Model No:	3080
Device:	AO Modulator
Interaction material:	Crystal Quartz
Wavelength:	1030-1064nm
Damage threshold:	>500MW/cm^2,
AR coating reflectivity:	< 0·3% per surface
Transmission:	> 99·4%
Frequency:	80MHz
VSWR[1]:	< 1.3:1
Impedance:	50Ω nominal
Optical polarisation:	Linear, vertical to base
Active aperture:	3mm
Acoustic mode:	Compressional
Separation angle:	14.7mrad
Rise-time (10-90%):	113ns/mm
Diffraction efficiency:	85%
Maximum RF power:	35W
Water cooled:	>.2L/min, <27C
Water channel:	Cu 110 or 101
Housing:	97-03411-01-15
Origin:	Fremont, CA

