



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

23080-1-1.06-LTD

DOCUMENT NUMBER: 56A9247D

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	TeO ₂
Acoustic Mode	Longitudinal
Operating Wavelength	1064 nm
Window Configuration	AR Coated
Static Transmission	>97 %
Operating Frequency	80 MHz
Diffraction Efficiency	>75 % With Linear Polarization, Perpendicular to Acoustic Propagation >70 % With Random Polarization
Acoustic Aperture Size	1 mm
Rise Time	150 ns/mm Beam Diameter
Deflection Angle	20 mrad
RF Power Level	<1.25 Watt
Impedance	50 Ohms
VSWR	<1.2:1 @ 80 MHz
Package:	53B0624 TO1
Operating Manual: Use latest Revision.	51A14950
Acceptance Test Procedure:	42A12057
Acceptance Test Results form:	52A11826
Recommended Drivers:	
Analog Driver System: 21080-1AS	Digital Driver System: 21080-1DS
Analog Driver Module: 21080-1AM	Digital Driver Module: 21080-1DM

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