



# NEOS TECHNOLOGIES

A Gooch & Housego Company

## DEVICE SPECIFICATIONS

MODEL NUMBER:

**23080-2-1.55-LTD**

DOCUMENT NUMBER: 56A15251B

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	TeO <sub>2</sub>
Acoustic Mode	Longitudinal
Operating Wavelength	1550 nm
Window Configuration	AR Coated
Static Transmission	>97 %
Operating Frequency	80 MHz
Diffraction Efficiency	>65 % with light Polarized Linear, Perpendicular to Acoustic Propagation >60 % with light Random Polarization.
Acoustic Aperture Size	2 mm
Rise Time	150 ns/mm Beam Diameter
Deflection Angle	29 mrad @ 1550 nm
RF Power Level	< 3 Watts
Impedance	50 Ohms nominal
VSWR	<1.2:1 @ 80 MHz
Package:	53B00624 TO1
Operating Manual: Use Latest Revision.	51A11958
Acceptance Test Procedure:	42A14787
Acceptance Test Results form:	52A14135
Recommended Drivers:	
Analog Driver System: 31080-3AS	Digital Driver System: 31080-3DS
Analog Driver Module: 31080-3AM	Digital Driver Module: 31080-3DM