



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

23080-1-1.55-LTD

DOCUMENT NUMBER: 56A14303B

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	TeO ₂
Acoustic Mode	Longitudinal
Operating Wavelength	1550 nm
Window Configuration	AR Coated
Static Transmission	>97 %
Operating Frequency	80 MHz
Diffraction Efficiency	>60 % with light Polarized Linear, Perpendicular to Acoustic Propagation >55 % with light Random Polarization.
Acoustic Aperture Size	1 mm
Rise Time	150 ns/mm Beam Diameter
Deflection Angle	29 mrad @ 1550 nm
RF Power Level	< 2 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: 21080-2AS	Digital Driver System: 21080-2DS
Analog Driver Module: 21080-2AM	Digital Driver Module: 21080-2DM

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