



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

23080-1

DOCUMENT NUMBER: 56A14301C

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	TeO ₂
Acoustic Mode	Longitudinal
Operating Wavelength	440 – 850 nm
Window Configuration	AR Coated
Static Transmission	>95 %
Operating Frequency	80 MHz
Diffraction Efficiency	>85 % @ 633 nm
Light Polarization	Linear Polarization, Perpendicular to Acoustic Propagation or Random Polarization.
Acoustic Aperture Size	1 mm
Rise Time	150 ns / mm Beam Diameter
Deflection Angle	11.89 mrad @ 633 nm
RF Power Level	<1 Watt
Impedance	50 Ohms Nominal
VSWR	<1.2:1 @ 80 MHz
Package:	53B0504
Operating Manual: Use Latest Revision.	51A00620
Acceptance Test Procedure:	42A12059
Acceptance Test Results Form:	52A00856
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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