



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

12080-3-BR-TE

DOCUMENT NUMBER: 56A14297D

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	SiO ₂
Acoustic Mode	Longitudinal
Operating Wavelength	Used for Various λ Specifications shown for 1.06 μm
Window Configuration	Brewster
Static Transmission	>99 %
Operating Frequency	80 MHz \pm 182 KHz
Mode spacing	364 KHz Typical
Mode Bandwidth -3dB	10 KHz approximate
Average Loss Modulation	6.5 % minimum with Linear Polarized Light, Perpendicular to Acoustic Propagation
Acoustic Aperture Size (in air)	2 mm
Deflection Angle	14.2 mrad @ 1.06 μm
RF Power Level	<1 watt
Impedance	50 ohms @ Resonant Frequency
VSWR	<1.5:1 @ Resonant Frequency
Package:	53A3890
Operating Manual: Use Latest Revision.	51A02804
Acceptance Test Procedure:	42A14128
Acceptance Test Results Form:	52A04976
Recommended Driver:	11080-1ML

For More Information, Contact: neos@neostech.com **Ph. (321) 242-7818** **Fax (321) 242-1019**