



DEVICE SPECIFICATIONS

MODEL NUMBER:

12050-3-BR-TE

DOCUMENT NUMBER: 56A14296E

<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	$\geq 99 \%$
Operating Frequency	50 MHz \pm 182 KHz
Mode spacing	364 KHz Typical
Mode Bandwidth -3dB	10 KHz approximate
Average Loss Modulation	6.5 % minimum with linear polarization, perpendicular to acoustic propagation
Acoustic Aperture Size (in air)	2 mm
Deflection Angle	8.9 mrad @ 1.06 μm
RF Power Level	≤ 1 watt
Impedance	50 ohms @ Resonant Frequency
VSWR	$\leq 1.5:1$ @ Resonant Frequency
Package	53A3890

For More Information, Contact: sales@goochandhousego.com www.goochandhousego.com

As part of our policy of continuous product improvement we reserve the right to change specifications at any time.