



## DEVICE SPECIFICATIONS

MODEL NUMBER:

**12080-3-BR-TE**

DOCUMENT NUMBER: 56A14297E

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	SiO <sub>2</sub>
Acoustic Mode	Longitudinal
Operating Wavelength	Used for Various $\lambda$ Specifications shown for 1.06 $\mu\text{m}$
Window Configuration	Brewster
Static Transmission	$\geq 99 \%$
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 polarization, perpendicular to acoustic propagation
Acoustic Aperture Size (in air)	2 mm
Deflection Angle	14.2 mrad @ 1.06 $\mu\text{m}$
RF Power Level	$\leq 1$ watt
Impedance	50 ohms @ Resonant Frequency
VSWR	$\leq 1.5:1$ @ Resonant Frequency
Package	53A3890

**For More Information, Contact: [sales@goochandhousego.com](mailto:sales@goochandhousego.com) [www.goochandhousego.com](http://www.goochandhousego.com)**

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