



**DEVICE SPECIFICATIONS**

**MODEL NUMBER:**

**12041-3-BR-TE**

**DOCUMENT NUMBER: 56A14295E**

<b><u>PARAMETER</u></b>	<b><u>SPECIFICATION</u></b>
Interactive Material	SiO <sub>2</sub>
Acoustic Mode	Longitudinal
Operating Wavelength	Used for Various $\lambda$ Specification shown for 1.06 $\mu\text{m}$
Window Configuration	Brewster
Static Transmission	$\geq 99\%$
Operating Frequency	41 MHz $\pm$ 182 KHz
Mode spacing	364 KHz Typical
Average Loss Modulation	$\geq 10\%$ with Linear Polarization, Perpendicular to Acoustic Propagation
Acoustic Aperture Size (in air)	2 mm
Deflection Angle	7.3 mrad @ 1.06 $\mu\text{m}$
RF Power Level	$\leq 1$ watt
Impedance	50 ohms nominal @ 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)**

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