



## DEVICE SPECIFICATIONS

MODEL NUMBER:

**MM054-2C2B1-3**

DOCUMENT NUMBER: 56A21584A

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interaction Material	TeO <sub>2</sub>
Acoustic Mode	Longitudinal
Operating Wavelength	1.9 $\mu\text{m}$ – 2.2 $\mu\text{m}$
Window Configuration	AR Coated
Static Transmission	$\geq 95\%$
Operating Frequency	54.24 MHz
Diffraction Efficiency	$\geq 85\%$ with random polarization
Acoustic Aperture Size	2 mm
Rise Time	$\leq 155$ nsec/mm Beam Diameter
Deflection Angle	25.2 mrad @ 2 $\mu\text{m}$
RF Power Level	$\leq 10$ Watts
Impedance	50 Ohms nominal
VSWR	$\leq 1.2:1$
Package	53B2965
Cooling	Conduction, must maintain housing temperature below 50°C

**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.