



## DEVICE SPECIFICATIONS

MODEL NUMBER:

**33080-16-.7-I-TB**

(PROTECTED UNDER US PATENT NUMBER 5,268,911)

DOCUMENT NUMBER: **56A20469A**

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interaction Material	Crystal Quartz
Acoustic Mode	Longitudinal
Operating Wavelength	1.06 $\mu\text{m}$
Window Configuration	AR "V" coated
Static Transmission	$\geq 99\%$
Operating Frequency	80 MHz
Loss Modulation	$\geq 80\%$ with linear polarization perpendicular to acoustic propagation
Acoustic Aperture Size	0.7 mm
Rise Time	$\leq 115$ nsec/mm beam dia.
Deflection Angle	14.7 mrad
RF Power Level	$\leq 16$ Watts
Impedance	50 Ohms nominal
VSWR	$\leq 1.2:1$ @ 80 MHz
Package:	53B4055
Cooling	Conductive, must maintain housing temperature $< 50^\circ\text{C}$

**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.