



DEVICE SPECIFICATIONS

MODEL NUMBER:

33041-16-.7-I-TB-SMA

33041-16-.7-I-TB-BNC

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

DOCUMENT NUMBER: 56A15803D

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interaction Material	Crystal Quartz
Acoustic Mode	Longitudinal
Operating Wavelength	1.06 μm
Window Configuration	AR "V" coated
Static Transmission	$\geq 99 \%$
Operating Frequency	40.68 MHz
Loss Modulation	$\geq 80 \%$ with linear polarization perpendicular to acoustic propagation
Acoustic Aperture Size	0.7 mm
Rise Time	≤ 115 nsec/mm beam dia.
Deflection Angle	7.5 mrad
RF Power Level	≤ 16 watts
Impedance	50 ohms nominal
VSWR	$\leq 1.2:1$ @ 40.68 MHz
Package SMA	53B4055
BNC	53B4056
Cooling	Conduction, housing must remain below 50°C

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.