



Gooch & Housego

DEVICE SPECIFICATIONS

MODEL NUMBER:

46080-3-1.06-LTD

DOCUMENT NUMBER: 56A17947C

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interaction Material	TeO ₂
Acoustic Mode	Longitudinal
Window Configuration	AR coated
Static Transmission	> 97 %
Operating Frequency	70-90 MHz
Intensity Variation	< 2.5 dB across bandwidth
Diffraction Efficiency (midband)	> 70 % midband with linear polarization, perpendicular to acoustic propagation, > 65 % midband with random polarization.
Acoustic Aperture Size	3 mm
Rise Time	150 ns/mm beam dia.
Δ Deflection Angle	7.5 mrad
Deflection Angle	20 mrad
RF Power Level	< 2 watts
Impedance	50 ohms nominal
VSWR	< 1.5:1 across bandwidth
Package	53B0624 TO2
Recommended Drivers:	
Analog System Digital Frequency Synthesizer:	64020-200-2ADSDFS-A
Analog Module Digital Frequency Synthesizer:	64020-200-2ADMDFS-A
Analog System Voltage Controlled Oscillator:	21065-95-2ASVCO
Analog Module Voltage Controlled Oscillator:	21065-95-2AMVCO

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.