



# Gooch & Housego

## DEVICE SPECIFICATIONS

### MODEL NUMBER:

**45070-5-6.5DEG-.63**

### DOCUMENT NUMBER: 56A9852E

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	TeO <sub>2</sub>
Acoustic Mode	Shear Wave
Operating Wavelength	633 nm
Window Configuration	AR Coated
Static Transmission	> 95 %
Operating Frequency	50 to 90 MHz.
Intensity Variation	2 dB
Diffraction Efficiency	> 70 % Midband with linear polarization, parallel to acoustic propagation
Acoustic Aperture Size	5 mm
Process Time	7.5 ms
Resolution (T.BW product)	300 spots with no less than 60 ms scan time and full illumination of the aperture
$\Delta$ Deflection Angle	38 mrad @ 633 nm
Deflection Angle	67 mrad @ 633 nm
RF Power Level	2 watt maximum
Impedance	50 ohms
VSWR	< 2:1 across band
Package:	53B2024
Operating Manual:        Use Latest Revision.	51A12674
Acceptance Test Procedure:	42A14797
Acceptance Test Results form:	52A12608
Recommended Driver:	

Analog System Digital Frequency Synthesizer: 64020-200-2ADSDFS-A  
Analog Module Digital Frequency Synthesizer: 64020-200-2ADMDFS-A

Analog System Voltage Controlled Oscillator: 21050-90-2ASVCO  
Analog Module Voltage Controlled Oscillator: 21050-90-2AMVCO

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