



DEVICE SPECIFICATIONS

MODEL NUMBER:

37027-5

DOCUMENT NUMBER: 56A14322C

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	Ge
Optical Power Density	≤ 5 Watt / mm ²
Acoustic Mode	Longitudinal
Operating Wavelength	9.3 μ m - 10.6 μ m
Window Configuration	AR Coated
Static Transmission	≥ 85 %
Operating Frequency	27.12 MHz
Diffraction Efficiency	≥ 75 % with linear polarization parallel to acoustic propagation
Acoustic Aperture Size	5mm
Rise Time	120 ns/mm beam diameter
Deflection Angle	52 mrad @ 10.6 μ m
RF Power Level	≤ 30 Watts
Impedance	50 Ohms nominal
VSWR	$\leq 1.2:1$
Package:	53B2220
Cooling	Water Cooled @ 0.1 GPM < 30°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.