



DEVICE SPECIFICATIONS

MODEL NUMBER:

15180-1.06-LTD-GAP

DOCUMENT NUMBER: 56A05108 Rev E

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interaction Material	GaP
Acoustic Mode	Longitudinal
Operating Wavelength	1.06 μm
Window Configuration	AR coated
Static Transmission	>85%
Operating Frequency	180 MHz
Diffraction Efficiency	>70%
Light Polarization	Linear, horizontal
Acoustic Aperture Size	300 μm
Rise Time	10 nsec*
Optical Waist Size To Achieve Rise Time	100 microns
Deflection Angle	28.7 mrad
RF Power Level	1.7 watts
Impedance	50 ohms nominal
VSWR	<1.5:1 @ 180 MHz
Package	53B0624

* Does not include electronics rise time