



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

12038-3-BR-TE

DOCUMENT NUMBER: 56A14294D

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	SiO ₂
Acoustic Mode	Longitudinal
Operating Wavelength	Used for Various λ Specifications shown for 1.06 μm
Window Configuration	Brewster
Static Transmission	>99 %
Operating Frequency	38 MHz \pm 182 KHz
Mode spacing	364 KHz Typical
Mode Bandwidth -3dB	10 KHz approximate
Average Loss Modulation Light,	10 % minimum with Linear Polarization Perpendicular to Acoustic Propagation
Acoustic Aperture Size (in air)	2 mm
Deflection Angle	6.75 mrad @ 1.06 μm
RF Power Level	<1 watt
Impedance	50 ohms @ Resonant Frequency
VSWR	<1.5:1 @ Resonant Frequency
Package:	53A3890
Operating Manual: Use Latest Revision.	51A02804
Acceptance Test Procedure:	42A14128
Acceptance Test Results Form:	52A04976
Recommended Driver:	11038-1ML

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