



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

45125-2/10-.355-I

DOCUMENT NUMBER: 56A12372A

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	Crystal Quartz
Acoustic Mode	Longitudinal
Operating Wavelength	355 nm
Window Configuration	AR Coated
Static Transmission	>97 %
Operating Frequency	100 to 150 MHz.
Intensity Variation	< 1 dB
Diffraction Efficiency	>75 %, midband
Light Polarization	Linear, perpendicular to acoustic propagation
Acoustic Aperture Size	2 X 10 mm
Process Time	1.25 μ s with 7.2 mm beam size in acoustic direction
Resolution (T.BW product)	60 spots
Δ Deflection Angle	3 mrad
Deflection Angle	7.7 mrad @ 125 MHz
RF Power Level	4 Watts
Impedance	50 Ohms
VSWR	<1.5:1 across bandwidth
Package:	53B1289
Recommended Driver:	
	Analog System Voltage Controlled Oscillator: 64090-150-7ASVCO
	Analog Module Voltage Controlled Oscillator: 64090-150-7AMVCO

For More Information, Contact:

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