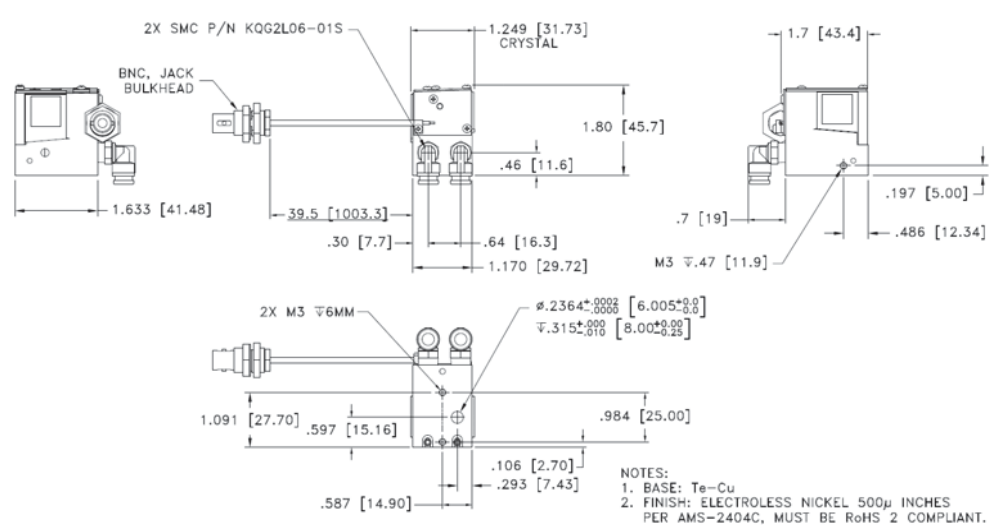


## SPECIFICATIONS

AO Medium	TeO <sub>2</sub>
Acoustic Mode	Shear, off axis
Acoustic Velocity	.705 mm/μs
Wavelength	750-1064 nm
Input Polarization	Horizontal
Output Polarization	Vertical
Insertion Loss	3%
Center Frequency (Fc)	See notes
RF Bandwidth	See notes
RF Power	6W nominal
Active Aperture	15mm Diameter
Uniformity Across Bandwidth	-2db
Min Diffraction Efficiency	70%, Goal
VSWR (55-110MHz)	2.5:1
Scan Angle	See notes

## OUTLINE DRAWING



### Notes:

Wavelength(nm)	Freq. Range(MHz)	Scan angle(mrad)
750	70-110	42.5
850	64-104	48.2
900	58-98	51.1
1064	55-85	45.3

# Document

10/19/18

# Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	Geri Scholz 10/19/2018		
MATERIAL:	CHK			
FINISH:	APP		PART NUMBER: 97-03359-03	REV: 2
	APP			SHEET 1 OF 1