

# NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

## 64040-75-.1-4CH-5M

### SPECIFICATIONS

DOCUMENT NUMBER: 56A8738D

#### Product Description:

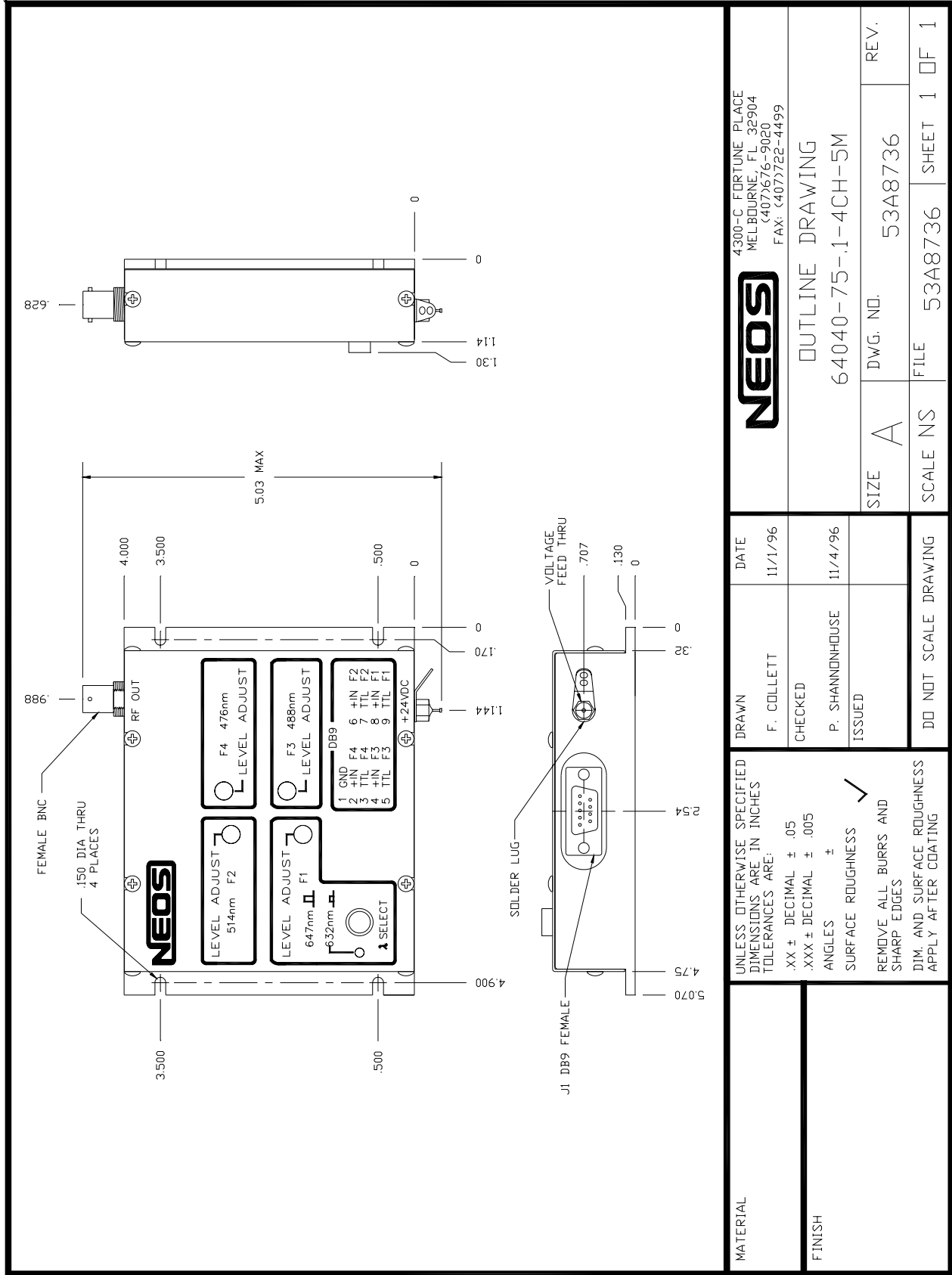
The 64040-75-.1-4CH-5M is a four channel, crystal controlled driver for the **48062** and **48078** series Poly-Chromatic Acousto Optic Modulator (PCAOM) which can modulate four wavelengths of light at the same time. The driver has independent analog modulation and TTL blanking for each channel. The wavelength on channel one is switch selectable between the two wavelengths listed below. Other wavelengths can be custom factory programmed.

#### PARAMETER

#### SPECIFICATION

Number of Channels	Four
Frequency Stability	±0.01 %
Power Out	40-200 mW
Wavelengths *CH 1 wavelength selectable by switch	CH 1 647 nm or 632 nm CH 2 514 nm CH 3 488 nm CH 4 476 nm
Analog Inputs (4)	0-5 Volts into 6K Ohms
Blanking Inputs (4)	TTL, 4.7K Ohms, no input or high is not blanked
Rise/Fall Time	200 ns typical
Extinction Ratio	Analog > 60 dB TTL > 60 dB
Power	+24 VDC at 800mA
Connectors:	
RF out:	BNC Female
Data in:	9 Pin D-Sub female
Outline Drawing	53A8736

# OUTLINE DRAWING



<b>MATERIAL</b>	<b>DRAWN</b> F. COLLETT	<b>DATE</b> 11/1/96	<b>NEOS</b>
<b>FINISH</b>	CHECKED P. SHANNONHOUSE	11/4/96	OUTLINE DRAWING 64040-75-1-4CH-5M
	ISSUED		SIZE A DWG. NO. 53A8736
	DO NOT SCALE DRAWING		SCALE NS FILE 53A8736
			SHEET 1 OF 1

4300-C FORTUNE PLACE  
MELBOURNE, FL 32904  
(407)676-9020  
FAX: (407)722-4499

REVISIONS  
REV. 1

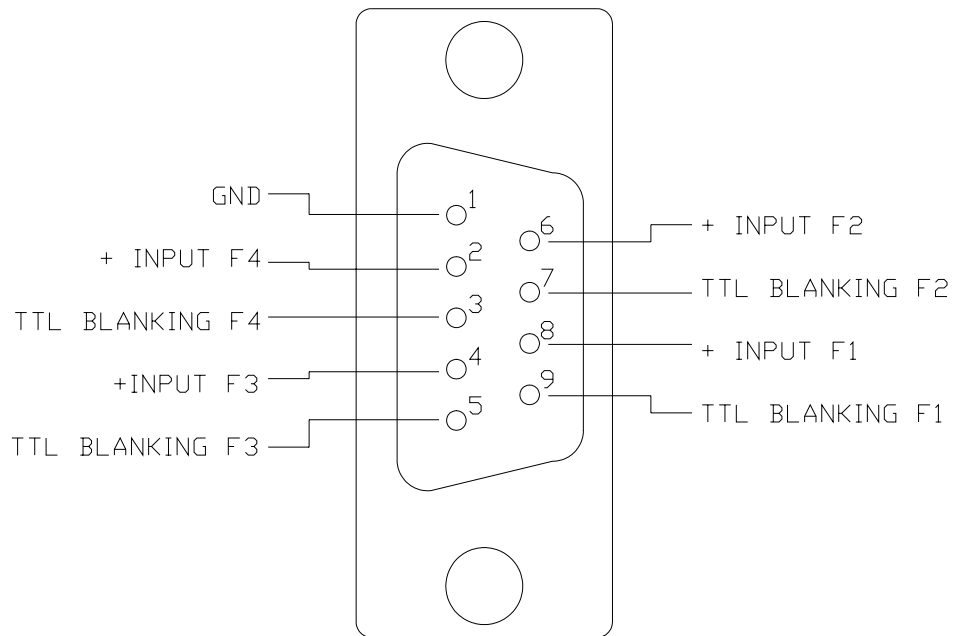
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
.XX ± DECIMAL ± .05  
.XXX ± DECIMAL ± .005  
ANGLES ±  
SURFACE ROUGHNESS ✓  
REMOVE ALL BURRS AND  
SHARP EDGES  
DIM. AND SURFACE ROUGHNESS  
APPLY AFTER COATING

56A8738D.doc APPROVED FOR RELEASE WS 7/22/05

ECO # 58A18241

# PINOUT

PINOUT J1 DB9 FEMALE  
N64040-75-1-4CH-5



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