



SCALE 1:1

WORKING DISTANCE = 90mm
FINE FOCUS TRAVEL = 10mm
(OL SHOWN IN EXTENDED POSITION)

5Φ MOTOR AND HALL EFFECT CABLE INFORMATION:

- FOCUS / HE CABLE LENGTH = 0.15m
- USE NAVITAR #1-40170 (1.8m), 1-40289 (1.2m), 1-40290 (0.6m) TO CONNECT TO NAVITAR 5Φ PHASE CONTROLLERS (1-40167, 1-40168, 1-40169,)

FF MOTOR
5 POSITION FEMALE
CONNECTOR
(MOLEX #50-57-9405)

HE SENSOR
4 POSITION FEMALE
CONNECTOR
(MOLEX #50-57-9404)

5Φ FF MOTOR PINOUT
PIN 1 = MOTOR 1 (BLUE)
PIN 2 = MOTOR 2 (RED)
PIN 3 = MOTOR 3 (ORANGE)
PIN 4 = MOTOR 4 (GREEN)
PIN 5 = MOTOR 5 (BLACK)

4 PIN HE SENSOR PINOUT
PIN 1 = COMMON
PIN 2 = FAR LIMIT
PIN 3 = +5VDC
PIN 4 = NEAR LIMIT



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OUTLINE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (MM) AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NAVITAR. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NAVITAR IS PROHIBITED.		
SCALE: 2:1			
WEIGHT: 0.98 lbmass	DR BY: J. WILLIAMSON	MTR FF, 5Φ, 1.0X LENS ATTACHMENT	
CH BY: PB	PROJECT #: E3576	DO NOT SCALE DRAWING	SIZE C
DATE DR: 11/20/2017			PART NUMBER 1-81204M5
			REV A