

**5φ MOTOR AND HALL EFFECT CABLE INFORMATION:**

- ZOOM / FOCUS / HE CABLE LENGTH = 0.15m  
 - USE NAVITAR #1-40170 TO CONNECT  
 TO 5φ NAVITAR CONTROLLERS (1-40167, 1-40168, 1-40169)

ZOOM / FINE FOCUS MOTOR  
 5 POSITION FEMALE  
 CONNECTOR  
 (MOLEX #50-57-9405)

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




**5φ ZOOM / FINE FOCUS 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

**OUTLINE**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 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:	1:1	 ROCHESTER, NEW YORK	
WEIGHT:	1.49 lbmass		
DR BY:	BONAFEDE		
CH BY:	R. PODLENA		
PROJECT #:	E3192		
DATE DR:	3/21/2014	MTR 12X ZM, 5φ 20:1, HE, NON FF, NON CP	
DO NOT SCALE DRAWING	SIZE C	1-52008	REV A
		SHEET 2 OF 2	