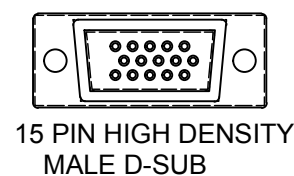


**2-PHASE MOTOR PINOUT**

- PIN 3 = +5Vdc
- PIN13 = COMMON
- PIN 8 = FAR LIMIT
- PIN 12 = NEAR LIMIT
- PIN 1 = MOTOR A+
- PIN 7 = MOTOR A-
- PIN 6 = MOTOR B+
- PIN 11 = MOTOR B-



**OUTLINE**

**USED ON:**

MATERIAL:  Generic	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	P/N SUFFIX DEFINITION -1 CONVERSION COATING -2 PAINTING -3 MARKING -R REWORK	THE CONTENTS OF THIS DOCUMENT ARE PROPRIETARY TO NAVITAR, ITS USE IS AUTHORIZED ONLY FOR RESPONDING TO REQUEST FOR QUOTATION OR PERFORMANCE OF WORK FOR NAVITAR							
	TOLERANCES AS FOLLOWS DEC. .XXX ± .005 DEC. .XX ± .010 FRACT. ± 1/64 ANGLES ± 30' CONCENTRICITY .003 TIR	SCALE: 1:1								
FINISH:  CHAMFER ALL THREADS 30° TO ROOT DIAMETER	BREAK ALL SHARP EDGES .005 MIN. .010 MAX. MAX. SURF. ROUGHNESS: $\sqrt{32}$	DR: R. PODLENA		MTR (STP) 12X w/12mm FF & LS (HE)						
		CH: APP: DATE DR: 3/31/2004 DO NOT SCALE DRAWING								
				<table border="1"> <tr> <td>SIZE</td> <td>1-51319</td> <td>REV</td> </tr> <tr> <td><b>B</b></td> <td>SHEET 2 OF 2</td> <td></td> </tr> </table>	SIZE	1-51319	REV	<b>B</b>	SHEET 2 OF 2	
SIZE	1-51319	REV								
<b>B</b>	SHEET 2 OF 2									