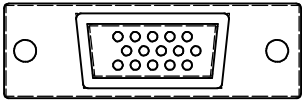




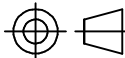
**2-PHASE MOTOR PINOUT**

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-



15 PIN HIGH DENSITY  
MALE D-SUB

**OUTLINE**

USED ON:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		<u>P/N SUFFIX DEFINITION</u>  -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		 ROCHESTER, NEW YORK	
MATERIAL:		TOLERANCES AS FOLLOWS		SCALE: 1:1		<div>0.0      inch      1.0</div> <div>0.0      mm      25.0</div>		MOTORIZED (SMALL STEP) 12X & 3mm FF w/COAX, DUAL 2 POSITION LS (HALL EFFECT)	
FINISH:		DEC. .XXX      ± .005 DEC. .XX      ± .010 FRACT.      ± 1/64 ANGLES      ± 30' CONCENTRICITY .003 TIR BREAK ALL SHARP EDGES .005 MIN. .010 MAX.		DR: R. PODLENA					
CHAMFER ALL THREADS 30° TO ROOT DIAMETER		MAX. SURF. ROUGHNESS: 32 		CH: P. BONAFEDE				SIZE  B	
				APP:					
				DATE DR: 11/19/2002					
				DO NOT SCALE DRAWING				1-51200 SHEET 1 OF 1	
								REV A	