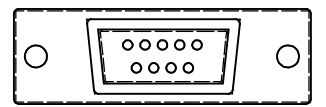


**DC ENCODED PINOUT**

- PIN 1 = MOTOR CH A
- PIN 2 = FAR LIMIT
- PIN 3 = N/C
- PIN 4 = +5Vdc
- PIN 5 = MOTOR +
- PIN 6 = MOTOR CH B
- PIN 7 = NEAR LIMIT
- PIN 8 = COMMON
- PIN 9 = MOTOR -



9 PIN MALE D-SUB

**OUTLINE**

USED ON:

MATERIAL:

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES AS FOLLOWS

DEC. .XXX ± .005  
 DEC. .XX ± .010  
 FRACT. ± 1/64  
 ANGLES ± 30'  
 CONCENTRICITY .003 TIR  
 BREAK ALL SHARP EDGES .005 MIN. .010 MAX.  
 CHAMFER ALL THREADS 30° TO ROOT DIAMETER  
 MAX. SURF. ROUGHNESS: 32

**P/N SUFFIX DEFINITION**  
 -1 CONVERSION COATING  
 -2 PAINTING  
 -3 MARKING  
 -R REWORK

SCALE: 1:1

DR: R. PODLENA

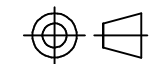
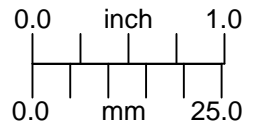
CH: P. BONAFEDE

APP:

DATE DR: 11/19/2002

DO NOT SCALE DRAWING

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MOTORIZED (ENCODED) 12X & 3mm FF w/COAX, DUAL 2 POSITION LS (HALL EFFECT)

|          |              |          |
|----------|--------------|----------|
| SIZE     | 1-51202      | REV      |
| <b>B</b> | SHEET 1 OF 1 | <b>A</b> |