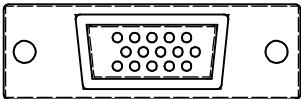


2-PHASE MOTOR PINOUT

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 D-SUB

USED ON:
MATERIAL:

FINISH:
ANODIZE, DYE BLACK

CHAMFER ALL THREADS
30° TO ROOT DIAM.

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

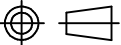
TOLERANCES:
DEC. .XXX ± .005
DEC. .XX ± .010
FRACT. ± 1/64
ANGLES ± 30'
CONCENTRICITY .003 TIR
BREAK ALL SHARP EDGES
.005 MIN. .010 MAX
MAX. SURF. ROUGHNESS 32

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.: 8/9/2002
DO NOT SCALE DRAWING

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0.0 inch 1.0
0.0 mm 25.0



OUTLINE



ROCHESTER, NEW YORK

MOTORIZED (STEPPER) 6x ZOOM & 12mm FF, DUAL 2 POSITION LS (HE)

SIZE

B

1-62318

SHEET 1 OF 1

REV

A