

SPECIFICATIONS

REV.

BY

DATE

P/N

J3RH

ELECTRICAL

CURRENT CONSUMPTION----- APPROX. 7mA
 APPLIED VOLTAGE----- 5V DC $\pm$ 10%
 LINEARITY (INDEPENDENT)----- $\pm$ 3.0%
 LOAD RESISTANCE----- 10K OHM MIN.
 LEVER ELECTRICAL ANGLE----- 30° MAX.
 RESOLUTION----- ESSENTIALLY INFINITE
 OUTPUT TEMP. CHARACTERISTIC----- BELOW $\pm$ 2.5% V(OUT)
 INSULATION RESISTANCE----- OVER 100 MEGA OHMS @ 250VDC.
 DIELECTRIC STRENGTH----- 1 MINUTE AT 250 VAC
 DRIFT AT CENTER POSITION----- BELOW $\pm$ 0.9% V(OUT)
 EMC IMMUNITY----- 50V/m (80MHz-1GHz SINE WAVE)

MECHANICAL

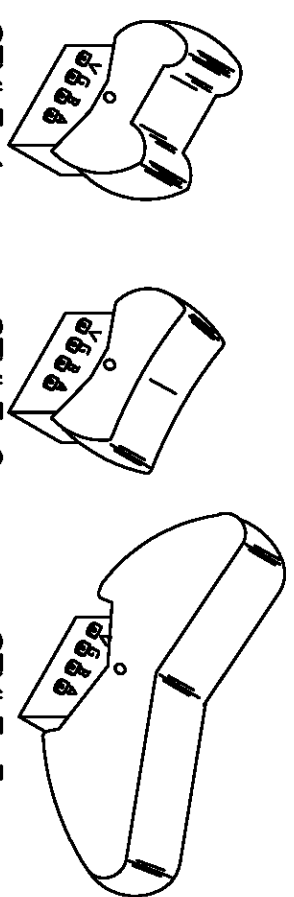
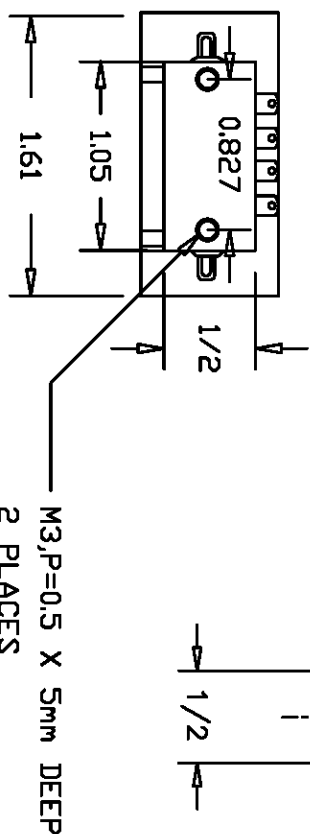
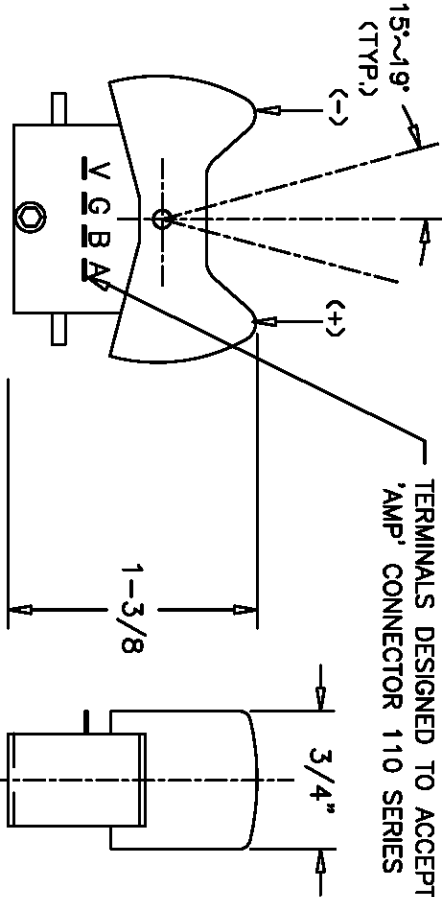
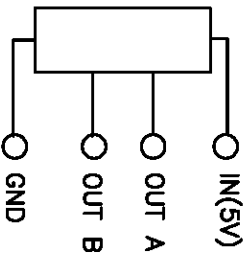
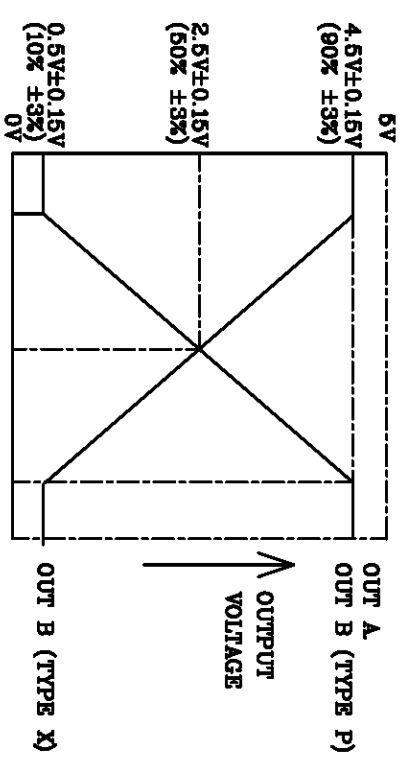
RANGE OF OPERATING LEVER----- $\pm$ 15° ~ $\pm$ 19° FROM CENTER
 OPERATING FORCE----- APPROX. 3.59 ~ 8.99 OZ.FORCE
 OPERATING TEMPERATURE----- -20°C TO +60°C
 LIFE EXPECTANCY----- 5 MILLION OPERATIONS
 SHOCK----- 30G
 VIBRATION----- 10- 55 Hz 98m/s*s (10G)

MATERIALS

HOUSING----- HIGH TEMP. THERMO PLASTIC
 INGRESS PROTECTION----- IP65

OUTPUT TYPE

TYPE S : SINGLE OUTPUT TERMINAL A (TERMINAL B IS NC)
 TYPE X: DUAL OUTPUT, CROSS
 TYPE P: DUAL OUTPUT, PARALLEL

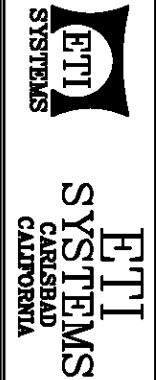


NOMENCLATURE

J3RH - X 1
 JOYSTICK SERIES
 ROCKER ARM STYLE(1,2 OR 3)
 OUTPUT TYPE(S,X OR P)

TOLERANCES
 XX = +/- .010" FRACT. = +/- 1/64"
 XXX = +/- .005" ANGLES = +/- 1/2°
 ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

SCALE
 DATE: 3-24-05
 BY: [Signature]
 APPROVD: AT
 CODE IDENT: 19477



TITLE
 HALL EFFECT
 ROCKER POT

PART NO.
 J3RH