

SPECIFICATIONS

ELECTRICAL

RESISTANCE TOLERANCE----- 10K OHMS
 RESISTANCE LINEARITY (INDEPENDENT)----- ±20%
 LINEARITY (INDEPENDENT)----- ±5.0%
 POWER RATING----- 0.1 WATT
 LEVER ELECTRICAL ANGLE----- APPROX. 40°
 RESOLUTION----- ESSENTIALLY INFINITE
 OUTPUT SMOOTHNESS----- BELOW 0.2% AGAINST INPUT VOLTAGE
 CONTACT RESISTANCE VARIATION----- BELOW 5% C.R.V.
 INSULATION RESISTANCE----- 1000 MEGA OHMS @ 500VDC.
 DIELECTRIC STRENGTH----- 1 MINUTE AT 500 VAC
 MAX. WIPER OUTPUT----- 1 mA RECOMMENDED, 5 mA MAX.

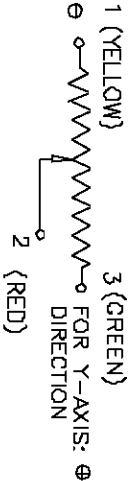
MECHANICAL

RANGE OF OPERATING LEVER----- ±20° ~ ±25° FROM CENTER
 OPERATING FORCE----- APPROX. 0.55 ~ 3.04 OZ.-IN.
 OPERATING TEMPERATURE----- -20°C TO +60°C
 LIFE EXPECTANCY----- 2 MILLION OPERATIONS
 WEIGHT----- APPROX. 21 OZ.
 SHOCK----- APPROX. 1.0 OZ.

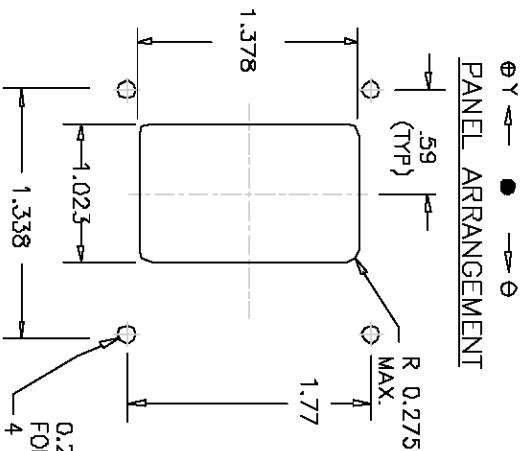
MATERIALS

HOUSING----- HIGH TEMP. THERMO PLASTIC
 ELEMENT----- CONDUCTIVE PLASTIC

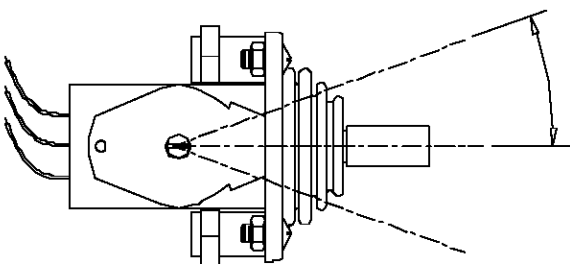
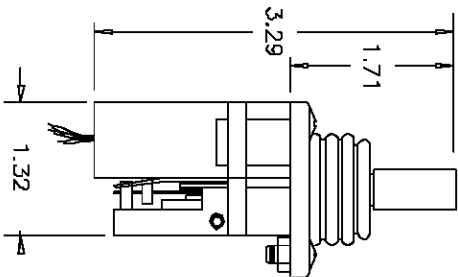
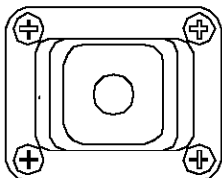
SCHEMATIC



1/8" LEVER OPERATION



REV.	BY	DATE	P/N
			J3L-1A10-SB



ETI SYSTEMS
 CARLSBAD CALIFORNIA

2251 LAS PALMAS DR.
 CARLSBAD, CA 92009
 PHONE (760) 929-0749
 FAX (760) 929-0748
 WWW.ETISYSTEMS.CDM

TITLE

JOYSTICK

PART NO.

J3L-1A10-SB