

SPECIFICATIONS

ELECTRICAL

RESISTANCE	TOLERANCE	10K OHMS
RESISTANCE	TOLERANCE	±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.

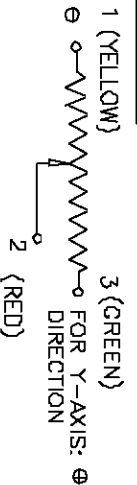
MECHANICAL

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	1.0 OZ.

MATERIALS

HOUSING	HIGH TEMP. THERMO PLASTIC
ELEMENT	CONDUCTIVE PLASTIC

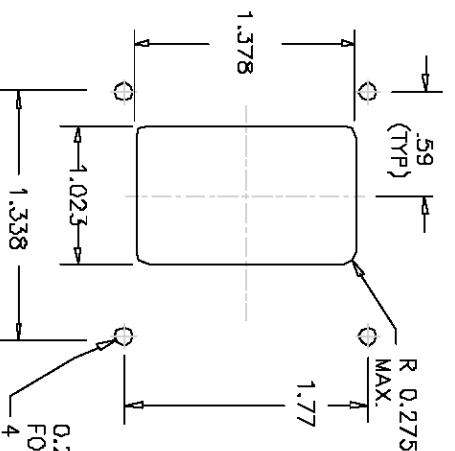
SCHEMATIC



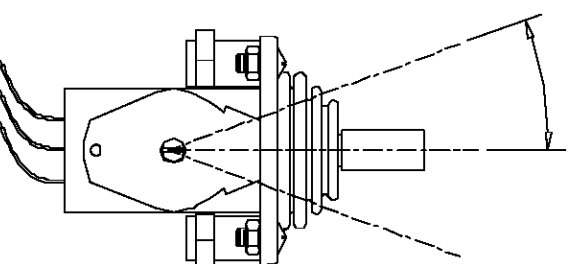
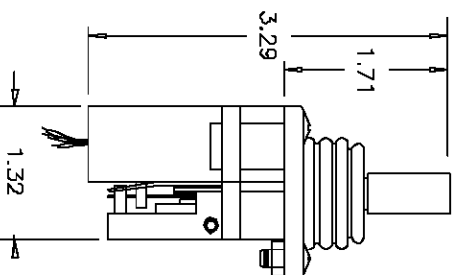
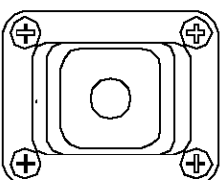
LEVER OPERATION



PANEL ARRANGEMENT



0.216 DIA. MOUNTING HOLES
FOR USE WITH MOUNTING PANEL
4 PLACES.



ONE-DIMENSIONAL LEVER
WITH CENTER SPRING RETURN.
20 TO 25 DEGREES TYP.

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.COM

TITLE

JOYSTICK

PART NO.

J3L-1A10-SB

Mouser Electronics

Authorized Distributor

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