REV.	BY	DATE	P/N
			J30H-XYZ-B

ELECTRICAL SPECIFICATIONS

CURRENT CONSUMPTION ---------- APPROX. 6mA
APPLIED VOLTAGE ---------- 5V DC±10%
LINEARITY (INDEPENDENT) ---------- ±3.0%
LOAD RESISTANCE ---------- 100K OHM MIN.
LEVER ELECTRICAL ANGLE X,Y AXIS ---------- 30° MAX.
LEVER ELECTRICAL ANGLE Z AXIS ---------- 60° MAX.
RESOLUTION ---------- ESSENTIALLY INFINITE
OUPUT TEMPERATURE CHARACTERISTIC ---------- BELOW ±2.5% V(OUT)
INSULATION RESISTANCE ---------- OVER 100 MEGA OHMS @ 250VDC.
DIELECTRIC STRENGTH ---------- 1 MINUTE AT 250 VAC
DRIFT AT CENTER POSITION ---------- BELOW ±0.5% V(OUT)
EMC IMMUNITY ---------- 50V/m (80MHz-1GHz SINE WAVE)

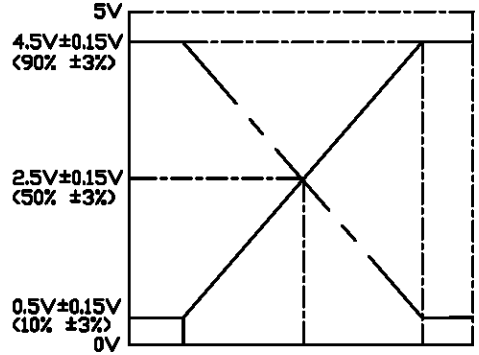
MECHANICAL

RANGE OF OPERATING X,Y AXIS ---------- ±15° FROM CENTER
RANGE OF OPERATING X,Y AXIS ---------- ±30° FROM CENTER
OPERATING FORCE X,Y AXIS ---------- APPROX. 5.39 ~10.79 OZ.FORCE
OPERATING FORCE Z AXIS ---------- APPROX. 1.39 ~4.16 OZ.IN FORCE
OPERATING TEMPERATURE ---------- -20°C TO +60°C
LIFE EXPECTANCY ---------- 1 MILLION OPERATIONS
VIBRATION ---------- 10G @ 55HZ
SHOCK ---------- 30G

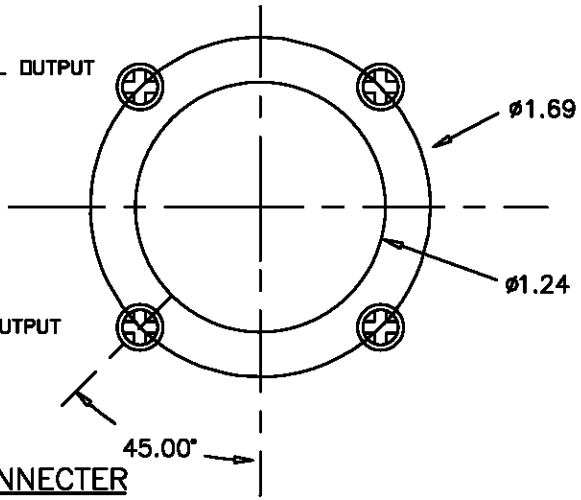
MATERIALS

HOUSING ---------- HIGH TEMP. THERMO PLASTIC
INGRESS PROTECTION ---------- IP54

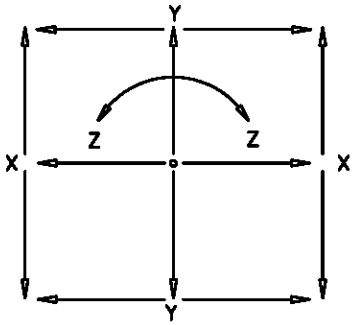
SCHEMATIC



PANEL ARRANGEMENT



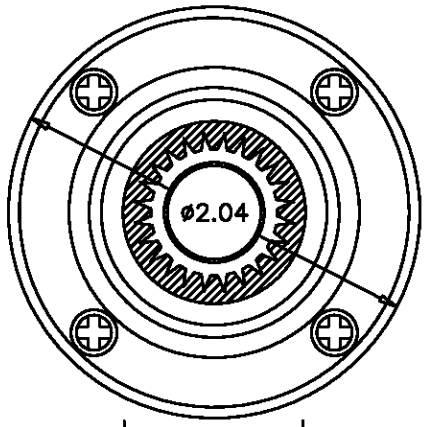
LEVER OPERATION

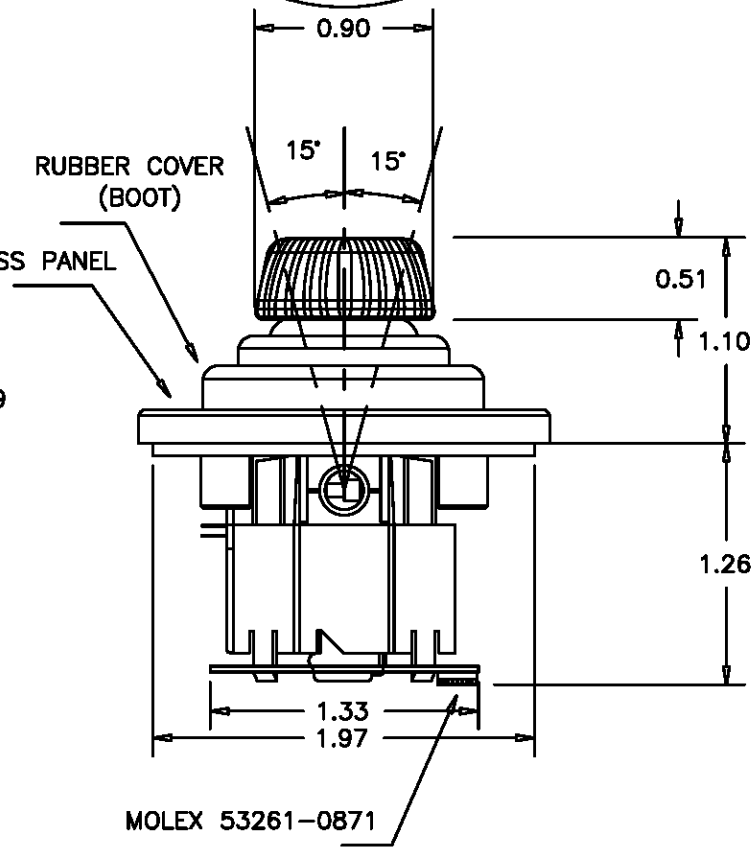


CONNECTER



MOLEX 51021-0800





SCALE	DATE:	7/01/04
NONE	BY	AT
	APPRV'D	
CODE IDENT:	19477	

ETI SYSTEMS
CARLSBAD
CALIFORNIA

TITLE
HALL EFFECT
JOYSTICK

PART NO.
J30H-XYZ-B

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

ETI Systems:

J3R-IT-10K RV6NAYSD103A DC27L 1/4 LCP12Y-50-10K LCP12Y255K SP22G-5K SW22E-5K DB10SL-1/4 LCP15S-20-10K MW22B-3-10K LCP12B-25-10K MW22B-3-5K RV4NAYSD102A SW22E-10K J1-00105 LCP12Y-12-10K LCP12Y-50-5K LCPL300-10K MG22L-1/4 LCP8P-10-5K MH22B-3-5K RV4LAYSA502A SP22G-1K SW22E-1K DC22-10-5K SW22D-FL-10K HSM22-S J3L-IA10-SB LCP12A-50-10K MW22B-10-100K