

**SPECIFICATIONS**

**ELECTRICAL**

RESISTANCE TOLERANCE----- 10K OHMS  
 RESISTANCE TOLERANCE----- ±15%  
 LINEARITY (INDEPENDENT)----- ±3.0%  
 POWER RATING----- 0.2 WATT  
 LEVER ELECTRICAL ANGLE----- 60° TOTAL  
 RESOLUTION----- ESSENTIALLY INFINITE  
 OUTPUT SMOOTHNESS----- BELOW 0.3% 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----- "X" & "Y": ±30° ~ ±35° FROM CENTER  
 OPERATING FORCE----- "X" & "Y": APPROX. 3.52 ~ 17.64 OZ.-F.  
 OPERATING TEMPERATURE----- -20°C TO +65°C  
 LIFE EXPECTANCY----- 5 MILLION OPERATIONS  
 WEIGHT----- APPROX. 5.7 OZ.  
 SHOCK----- 1.0 OZ.

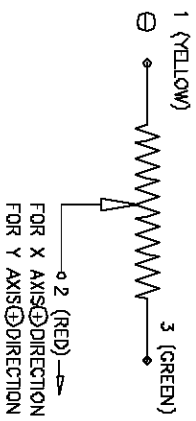
**MATERIALS**

HOUSING----- ALUMINUM AND HIGH TEMP. THERMO PLASTIC  
 ELEMENT----- CONDUCTIVE PLASTIC  
 KNOB----- HARD PLASTIC

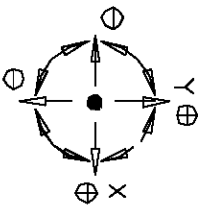
**OPTIONS**

J40 IS AVAILABLE WITH 1 OR 2 DIMENSIONAL LEVER CONTROL.  
 DIGITAL CODE SWITCHES AVAILABLE ( INSTEAD OF POTS ).

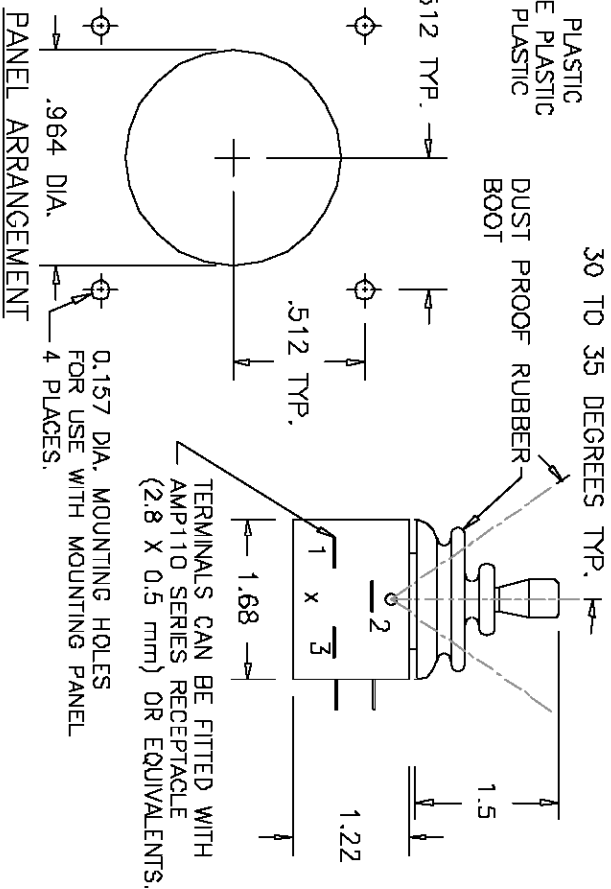
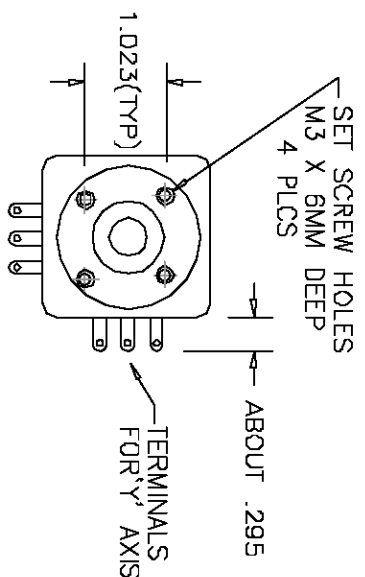
**SCHEMATIC**



**"C" LEVER DIRECTION**



REV.	BY	DATE	P/N J40-CN20-SB



TITLE

JOYSTICK

PART NO.

J40-CN20-SB



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