

REV.	BY	DATE	P/N	J50-CR20-SB

SPECIFICATIONS

ELECTRICAL

RESISTANCE ----- 10K OHMS
 RESISTANCE TOLERANCE ----- ±15%
 LINEARITY (INDEPENDENT) ----- ±3.0%
 POWER RATING ----- 0.2 WATT
 ELECTRICAL ROTATING ANGLE ----- 60°
 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 ----- ±30° ~ ±35° BI-DIRECTIONAL FROM CENTER.
 OPERATING FORCE FOR X AND Y DIR. ----- APPROX. 10.79 ~ 53.95 OZ-F.
 OPERATING TEMPERATURE ----- -20°C TO +65°C
 LIFE EXPECTANCY ----- 5 MILLION OPERATIONS
 WEIGHT ----- APPROX. 11 OZ.

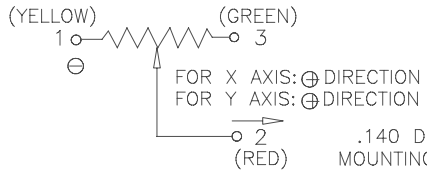
MATERIALS

HOUSING ----- ALUMINUM.
 ELEMENT ----- CONDUCTIVE PLASTIC
 KNOB ----- HARD PLASTIC

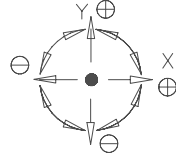
OPTIONS

1 OR 3 DIMENSIONAL LEVER OPERATION.
 OTHER RESISTANCE AVAILABLE.
 FRICTION HOLD INSTEAD OF SPRING RETURN.

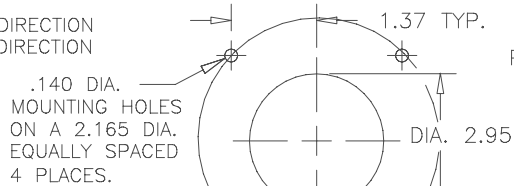
SCHEMATIC



"C" LEVER DIRECTION



PANEL ARRANGEMENT



NOMENCLATURE

J50-C R 2 0-S B

- RUBBER BOOT. (LEAVE BLANK IF NOT DESIRED)
- MOUNTING PANEL
- SPRING RETURN. (LEAVE BLANK IF NOT DESIRED)
- No. OF SWITCHES. (6 POSSIBLE)
- No. OF POTENTIOMETERS. (3 POSSIBLE)
- HANDLE DESIGN
- LEVER DIRECTION
- JOYSTICK SERIES

SCALE	DATE: 1/12/06
NONE	BY: ED
CODE IDENT: 19477	APPRV'D: *

Precision Sales Inc
610-359-1002
F:610-353-1674

TITLE
JOYSTICK

PART NO.
J50-CR20-SB

