

DRAWING NUMBER:

D40450

SPECIFICATION

RESISTANCE  $\pm 15\%$  (EACH AXIS) 2.5 K OHMS  
 RESOLUTION VIRTUALLY INFINITE  
 INSULATION RESISTANCE  $> 50$  M OHMS @ 500 V D.C.  
 TEMP RANGE  $-25^{\circ}$  TO  $+70^{\circ}$  C  
 FORCE REQD AT END OF STICK FOR F.S.D. 300gm NOMINAL.  
 MAX CONTACT RESISTANCE 2 K OHMS STATIC, 4 K OHMS DYNAMIC  
 GATE PROFILE SHALLOW NOTCH (FORWARD DIRECTION)  
 MECHANICAL ANGLE (CONICAL)  $36^{\circ} \pm 2^{\circ}$   
 ELECTRICAL ANGLE  $36^{\circ} \pm 2^{\circ}$

JOYSTICK WILL SELF CENTRE SUCH THAT THE VOLTAGE AT PINS 10 AND 20 IS  $50\% \pm 3\%$  OF APPLIED VOLTS.

WIPER VOLTAGES FOR FULL FORWARD DEFLECTION 97% NOM. OF APPLIED VOLTAGE.  
 WIPER VOLTAGES FOR FULL REVERSE DEFLECTION 12% NOM. OF APPLIED VOLTAGE.

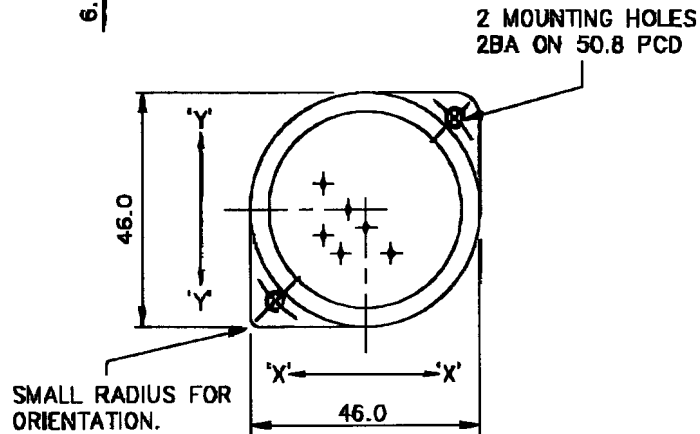
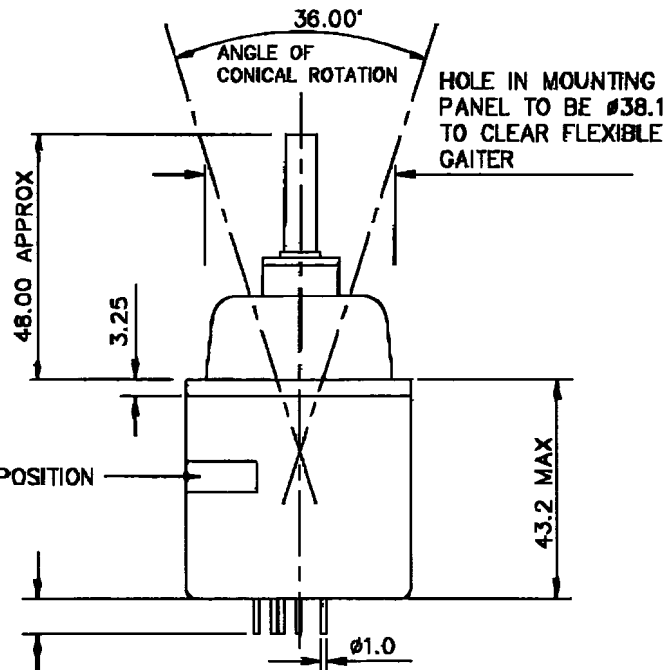
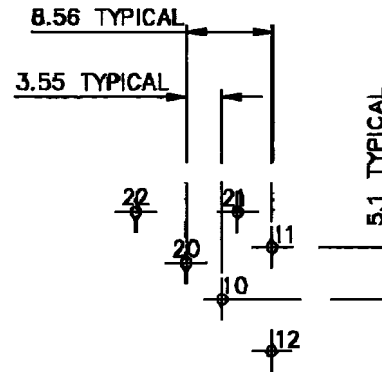
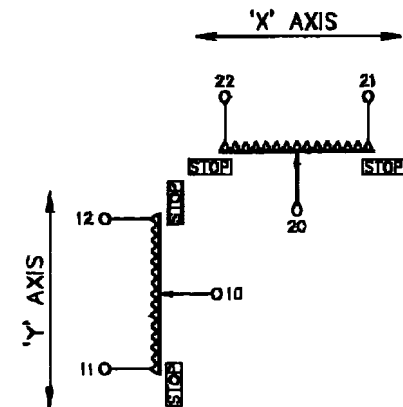


DIAGRAM SHOWING TERMINAL POSITIONS VIEWED ON BASE OF JOYSTICK (SCALE 2:1)



SCHEMATIC DIAGRAM WITH OPERATING LEVER IN NEUTRAL POSITION



NOTE: - "X" AND "Y" AXES ARE AT  $45^{\circ}$  TO FORWARD/REVERSE AXIS

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Data Sheet

THIRD ANGLE PROJECTION



SIZE A3

D.O.REFS.

SUB-MASTER FROM: -

APPROVED

CHECKED

DRAWN P.W.

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ISSUE	B	6A				MATERIAL:-	TOLERANCES	SCALE: 1:1
DATE	3.8.88	17.12.93					$\pm 0.125$	DIMS: mm
CHANGE	CH/0046/27	CH/0046/31						
FINISH:-				TITLE: NOTCH GATE JOYSTICK			DRAWING NUMBER: D40450	