

DRAWING NUMBER:

D40972

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Data Sheet

THIRD ANGLE PROJECTION



SIZE A3

D.O.REFS.

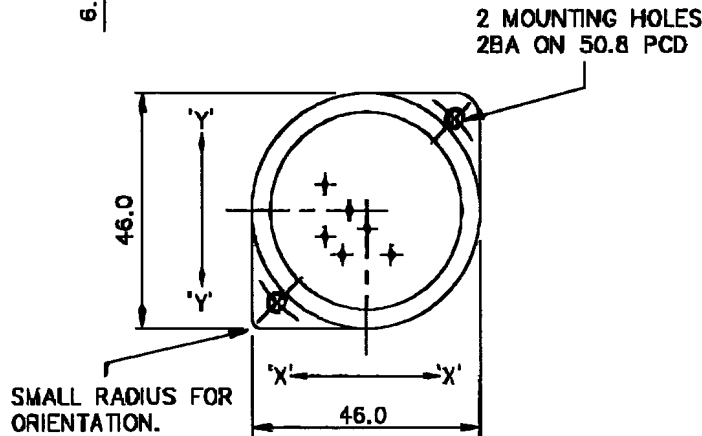
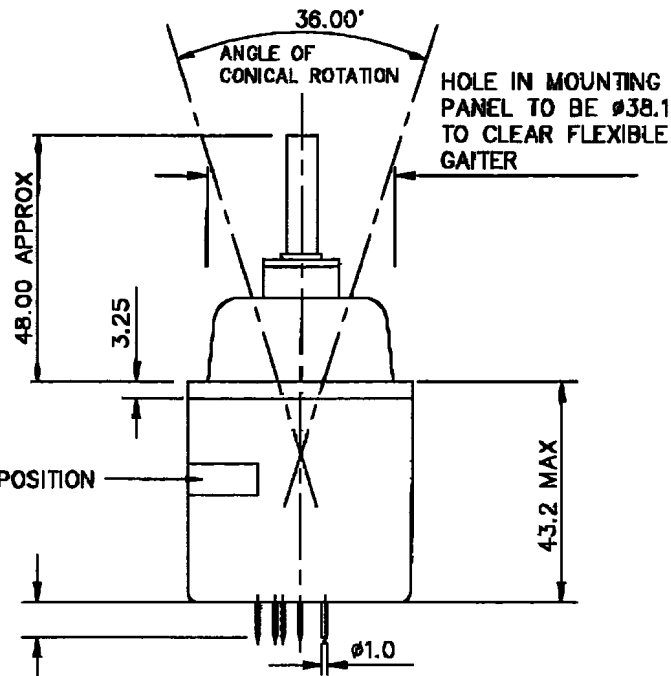
SUB-MASTER FROM: -

APPROVED

CHECKED

DRAWN

P.W.



SPECIFICATION

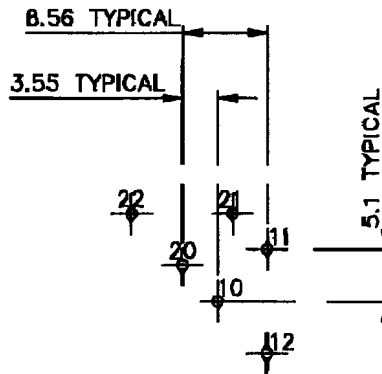
RESISTANCE  $\pm 15\%$  (EACH AXIS)  
 RESOLUTION VIRTUALLY INFINITE  
 INSULATION RESISTANCE  $> 50$  M OHMS @ 500 V D.C.  
 TEMP RANGE  $-25'$  TO  $+70'$  C  
 FORCE REQD AT END OF STICK FOR F.S.D. 300gm NOMINAL  
 MAX CONTACT RESISTANCE 2 K OHMS STATIC, 4 K OHMS DYNAMIC  
 GATE PROFILE ROUND  
 MECHANICAL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

2.5 K OHMS  
 VIRTUALLY INFINITE  
 $> 50$  M OHMS @ 500 V D.C.  
 $-25'$  TO  $+70'$  C  
 300gm NOMINAL  
 2 K OHMS STATIC, 4 K OHMS DYNAMIC  
 ROUND  
 $36' \pm 2'$   
 $36' \pm 2'$

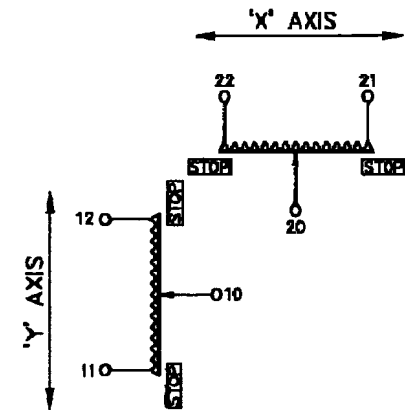
JOYSTICK WILL SELF CENTRE SUCH THAT THE VOLTAGE AT PINS 10 AND 20 IS  $50\% \pm 3\%$  OF APPLIED VOLTS.

WIPER VOLTAGES FOR FULL FORWARD DEFLECTION 88.5% 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° TO FORWARD/REVERSE AXIS

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ISSUE	2	2A				MATERIAL: -	TOLERANCES	SCALE: 1:1
DATE	4.8.88	17.12.93					$\pm 0.125$	DIMS: mm
CHANGE	(1/8/88)	(1/12/93)						
FINISH: -			TITLE: ROUND GATE JOYSTICK			DRAWING NUMBER: D40972		