

SPECIFICATION

D. 20493

DESCRIPTION.

Rotary Conductive Plastic Potentiometer
Type RCP18/2S

BOTH SECTIONS

RESISTANCE $\pm 10\%$

1000 ohms

ELECTRICAL ANGLE $\pm 1^\circ$

352°

LINEARITY, INDEPENDENT.

$\pm 0.5\%$ (Over each half, excluding taps)

TAPPING

Current centre tap @ electrical angle

$\pm 1^\circ$

PHASING

Phase at centre of taps $\pm 1^\circ$

RESOLUTION

Virtually infinite

POWER DISSIPATION

3 Watts at 20°C

INSULATION AT 500 V.D.C.

100 Mohms/min

TEMPERATURE RANGE

- 55° to + 125°C

MECHANICAL ANGLE

360°

STARTING TORQUE

24 gm cm max

SHAFT RUN OUT

inches T.I.R.

0.001

LATERAL RUN OUT

inches T.I.R.

0.002

PILOT RUN OUT

inches T.I.R.

0.001

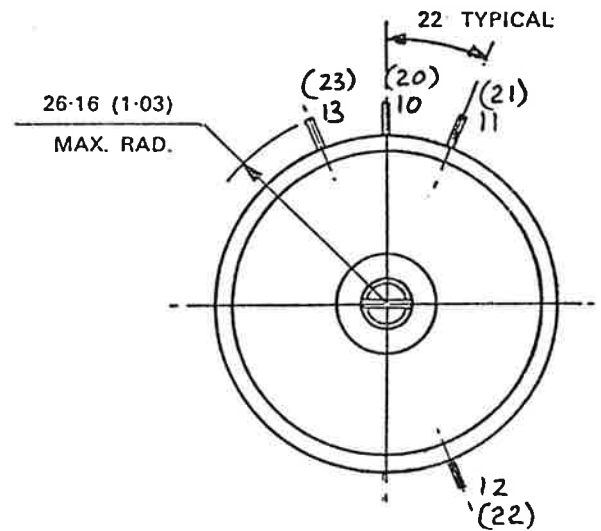
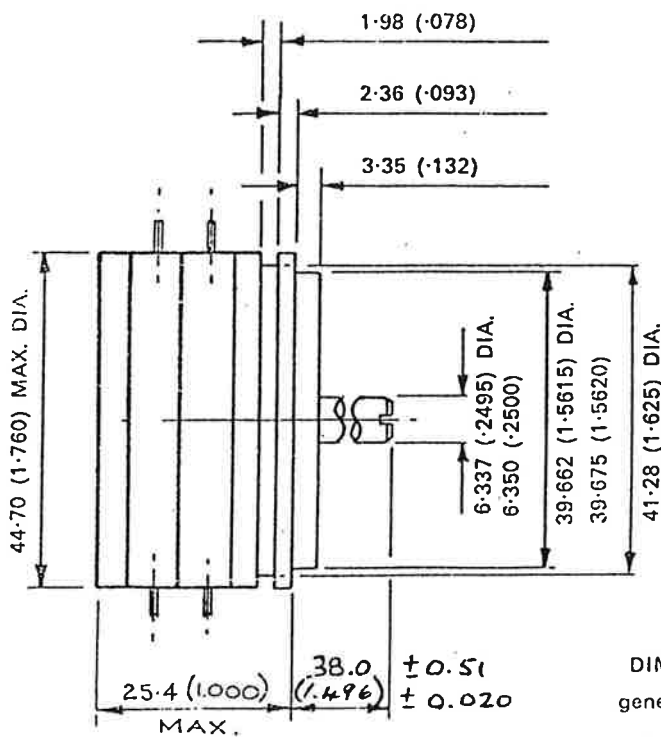
SHAFT END PLAY.

inches

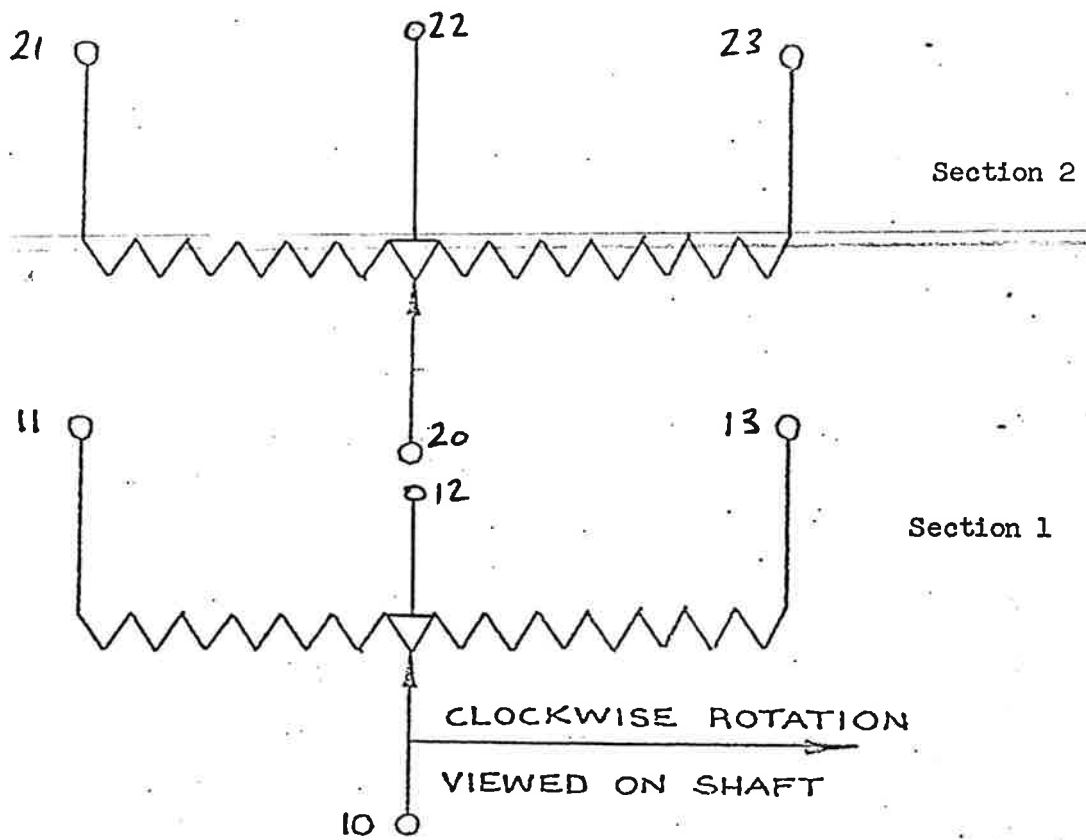
0.000 to 0.003

Rear of unit to be marked with :-
Penny & Giles ref D20493 iss 5 .VAR.*
Serial No -----

* Note see page 6



* Note :- see page 6 for current build details



VAR.	F.B.H. SHAFT DESCRIPTION	CONTACT SPRING CARRIER	TRACK STATE
VAR 1	WAVEY WASHER EXTERNAL.	SPRING CARRIER	R.C.P. 18
D22810) VAR 2	EXT/INT SOLID SHIM	RIGID ARM	RCP 15 TRACK ON 18 SUBSTRATE
D22851) VAR 3	INTERNAL SOLID SHIM	RIGID ARM LOCTITED.	RCP 15 TRACK ON 18 SUBSTRATE.
VAR 4	INTERNAL SOLID SHIM	FLEXIBLE WIPER	18 TRACKS/ 18 SUBSTRATE.
VAR 5	SCREWED FRONT BEARING HOUSING	FLEXIBLE WIPER	18 TRACKS/ 18 SUBSTRATE
VAR 6	"	FLEXIBLE WITH TOP HAT SECTION	"
VAR 7.	INTERNAL SOLID SHIM	FLEXIBLE WIPER 'TOP HAT'	RCP 18 TRACK