

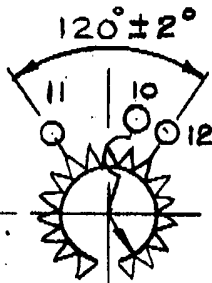
DRAWING NUMBER

D44728

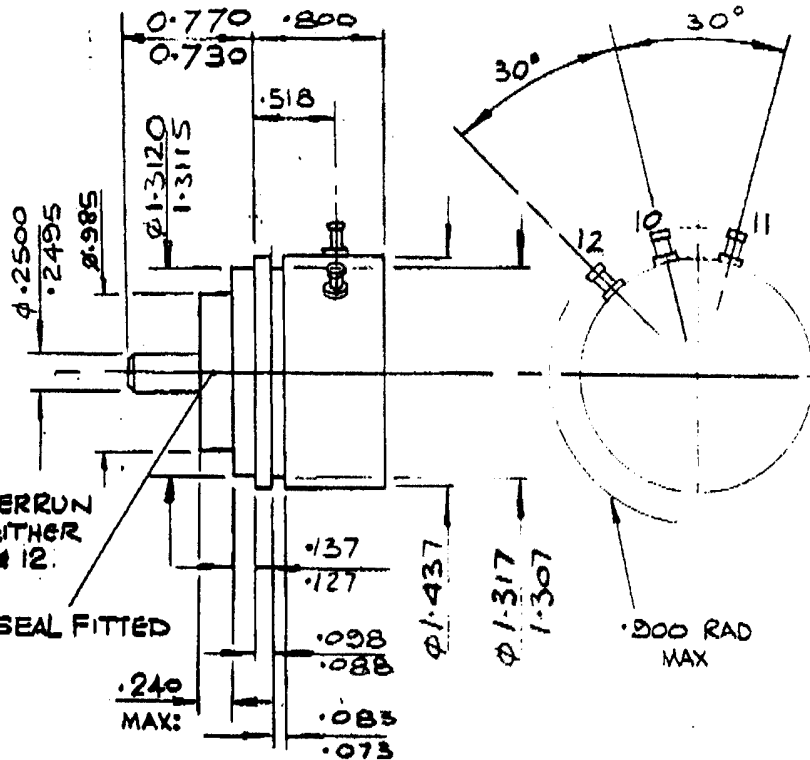
THIRD ANGLE PROJECTION

USED ON

QE 51037

ROTATION  
ON SHAFT END3 CC  
QC  
SALESELECTRICAL OVERRUN  
110° MINIMUM EITHER  
SIDE OF TAPS 11 & 12.

O RING SHAFT SEAL FITTED



USED ON

D. I. S.

## SPECIFICATION

RESISTANCE	$1.7K\Omega \pm 10\%$
ELECTRICAL ANGLE	$120^\circ \pm 2^\circ$
OUTPUT SMOOTHNESS	MIL-R-39023 A GRADE C $\cdot 1\%$
POWER DISSIPATION AT 20%	0.5W DERATING TO ZERO AT 90°C
LINEARITY INDEPENDENT	$< \pm 0.4\%$
RESOLUTION	VIRTUALLY INFINITE
INSULATION	$> 50M\Omega$ AT 500 V DC
MECHANICAL ANGLE	$360^\circ$
TORQUE	200GRM CMS MAX.
TEMPERATURE RANGE	$-55^\circ C$ TO $+100^\circ C$
WIPER LOAD IMPEDANCE	0.5 M $\Omega$ MINIMUM

CUSTOMERS  
COPYMATERIAL -  
BODY - ALUM. ALLOY  
SHAFT - STAINLESS STEEL  
TOLERANCES UNLESS OTHERWISE  
STATED:  $\pm .010$ PROTECTIVE FINISH -  
BODY - ANODISED  
SHAFT - CLEAN

SCALE 1/1 DIMENSIONS IN INCHES

344129  
241823

CHECKED

A 29.9.94 <sup>CH</sup>  
ISSUE DATENEW DRAWING  
CHANGES

TRACED

PENNY &amp; GILES, LTD., CHRISTCHURCH, DORSET

DRAWN.

TITLE HYBRID POTENTIOMETER

DRAWING NUMBER

PWS

HRP15/15/120°/1.7K $\Omega$ 

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