

SPECIFICATIONS

ELECTRICAL

RESISTANCE VALUES	500,1K,2K,5K,10K,20K,50K,100K
RESISTANCE TOLERANCE	±15%
LINEARITY(INDEPENDENT)	±2%
ELECTRICAL ANGLE	300°±5°
END RESISTANCE	0.2% MAX.
RESOLUTION	ESSENTIALLY INFINITE
INSULATION RESISTANCE	1000 MEGOHMS @ 500 VDC
DIELECTRIC STRENGTH	500 V.A.C.
POWER RATING	.2 WATTS
CONTACT RESIS. VARIATION	BELOW 3% C.R.V.
OUTPUT SMOOTHNESS	LESS THAN 0.1%

MECHANICAL

NO OF TURNS	1
MECHANICAL ROTATION	CONTINUOUS
ROTATIONAL LIFE	5,000,000 TURNS
STOP STRENGTH	N/A
TORQUE	0.3 OZ.IN.
WEIGHT	8 GRAMS

ENVIRONMENTAL

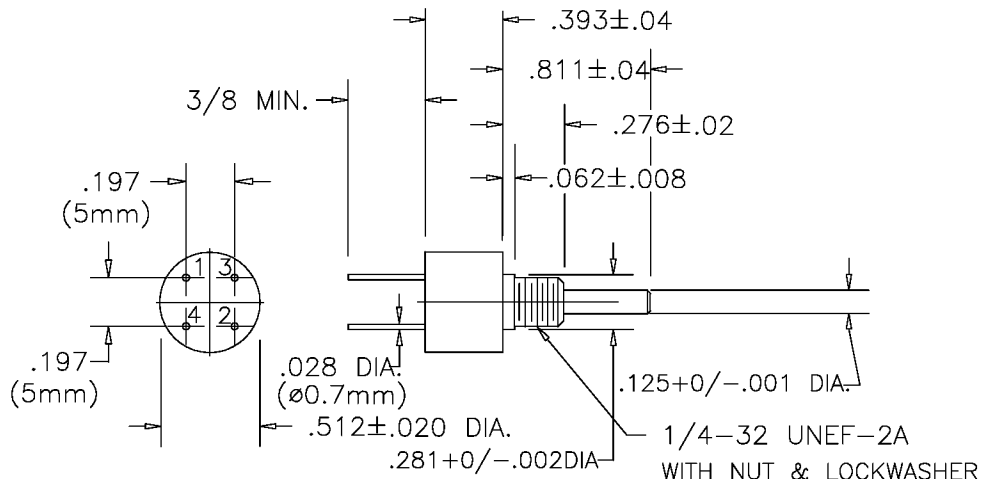
OPERATING TEMPERATURE	-55°C TO +105°C
TEMPERATURE COEFFICIENT	±400 PPM/°C
VIBRATION	10HZ TO 2000HZ 15G
SHOCK	50G
MOISTURE RESISTANCE	40°C 95%RH 120 HOURS

MATERIALS

HOUSING	BRASS PLATED
SHAFT	STAINLESS STEEL
TERMINALS	GOLD PLATED BRASS
RESISTANCE ELEMENT	CONDUCTIVE PLASTIC

OPTIONAL FEATURES

- SHAFT MODIFICATIONS
- SERVO MOUNT
- CENTER TAP
- O'RING SHAFT SEAL
- SPECIAL ANGLES



SCHEMATIC

