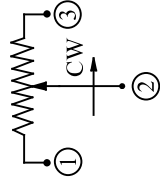
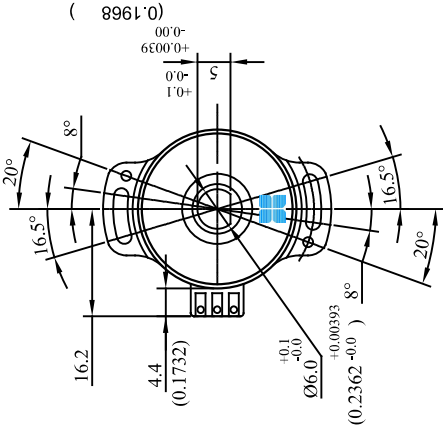
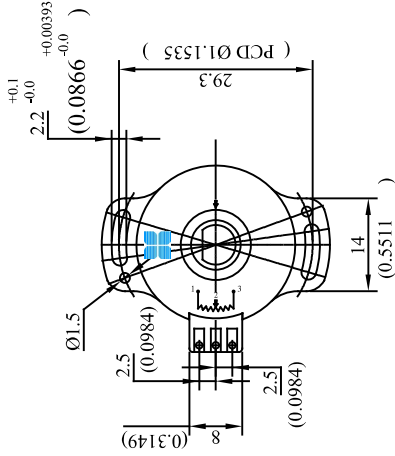
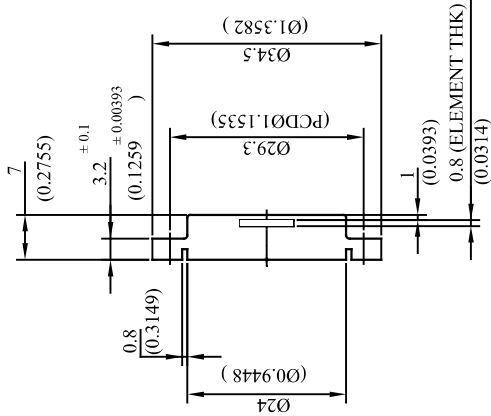


DIMENSIONS :- METRIC(INCH)



ELECTRICAL SCHEMATIC DIAGRAM

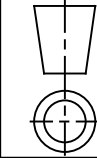
FEATURES:-

1. CONDUCTIVE PLASTIC LONG LIFE RESISTANCE ELEMENT.
2. HIGH QUALITY ENGINEERING PLASTIC STURDY LOW PROFILE BODY.
3. PRECIOUS METAL HIGH TECHNOLOGY WIPER GIVES NOISE FREE OUTPUT.
4. EASY MOUNTING DIRECTLY ON SHAFT NO COUPLING REQUIRED.

ELECTRICAL CHARACTERISTICS :-	UNITS	VALUE
RESISTANCE ELEMENT...	-	CONDUCTIVE PLASTIC
RESISTANCE VALUE ...	Ohms	10K(1K, 2K,5K OTHER VALUE UP TO 100K)
RESISTANCE TOLERANCE (STANDARD)...	±%	10
STANDARD INDEPENDENT LINEARITY TOLERANCE...(IEC 393)...	±%	2.0
ELECTRICAL ANGLE...	DEGREES	320° ± 3°
RESOLUTION...	-	ESSENTIALLY INFINITE
TEMPERATURE COEFFICIENT OF RESISTANCE(TCR)...	ppm/deg C	±400
POWER RATING @ 70°C...	WATTS	0.5
INSULATION RESISTANCE @ 500 VDC...	M Ohms	500
DIELECTRIC STRENGTH @ 50 HZ...	V ac	500
MAXIMUM WIPER CURRENT...	mAmps	1
SHORT TIME WIPER CURRENT 10 SEC. ...	mAmps	10
END VOLTAGE AS A % OF APPLIED VOLTAGE....	%	LESS THAN 0.5
MECHANICAL CHARACTERISTICS :-		
ROTATION (MECHANICAL ANGLE) CONTINUOUS	DEGREES	360°
BEARING TYPE...	-----	SLEEVE
TORQUE... OPERATING...	NMM OZ INCH	9 (1.2744)
TORQUE... RUNNING...	NMM OZ INCH	7 (0.991)
AXIAL PLAY...	M.M.(INCH)	0.2 (0.00787) MAX
RADIAL PLAY...	M.M.(INCH)	0.2 (0.00787) MAX
ENVIRONMENTAL CHARACTERISTICS :-		
OPERATING TEMPERATURE...	DEGREES C	-40 to +105
ROHS COMPLIANCE...	-	YES
PERFORMANCE :-		
ROTATIONAL LIFE (SHAFT REVOLUTIONS)...	NOS.	5,000,000
MATERIALS OF CONSTRUCTION :-		
HOUSING...	-	ENGINEERING PLASTIC GREEN
SHAFT (HOLLOW)...	-	ENGINEERING PLASTIC
BUSHING...	-	BRASS ON ONE END
MOUNTING...	-	SLOTS AND HOLES ON BOTH SIDES OF HOUSING
SOLDERING RECOMMENDATION :- USE SOLDERING IRON AT 350° C FOR 3 SECOND MAXIMUM. CLEAN THE SOLDERED PADS WITH ISOPROPYL ALCOHOL AFTER SOLDERING. CONTINUOUS IMPROVEMENTS ARE BEING MADE FOR ENHANCING PERFORMANCE FOR CUSTOMER BENEFIT IN PRODUCT DESIGN & PROCESS. THE PRODUCT SUPPLIED MAY BE SLIGHTLY DIFFERENT THAN DESCRIBED BY ABOVE SPECIFICATIONS DETAIL OF REV - 01:- ELECTRICAL ANGLE 340° INSTEAD OF 60°		

CONDUCTIVE PLASTIC
HOLLOW SHAFT POTENTIOMETER

NP24HS- E 129081



CUSTOMER DRAWING REF NO
NA

CUSTOMER : UAPL

REV - 00

SHEET:-1of1

UNI-AUTOMATION (I) PVT LTD
TEL/FAX:+91-(020)-24420890
www.uniautomation.com

FIRST ISSUE :11/01/17
SCALE:- 1:1

TOLERANCES
DIN-ISO 2768-1 (1991-06)
(TOLERANCE CLASS-MEDIUM)

UAPL PART NO
00129081