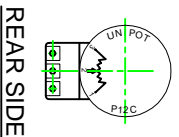
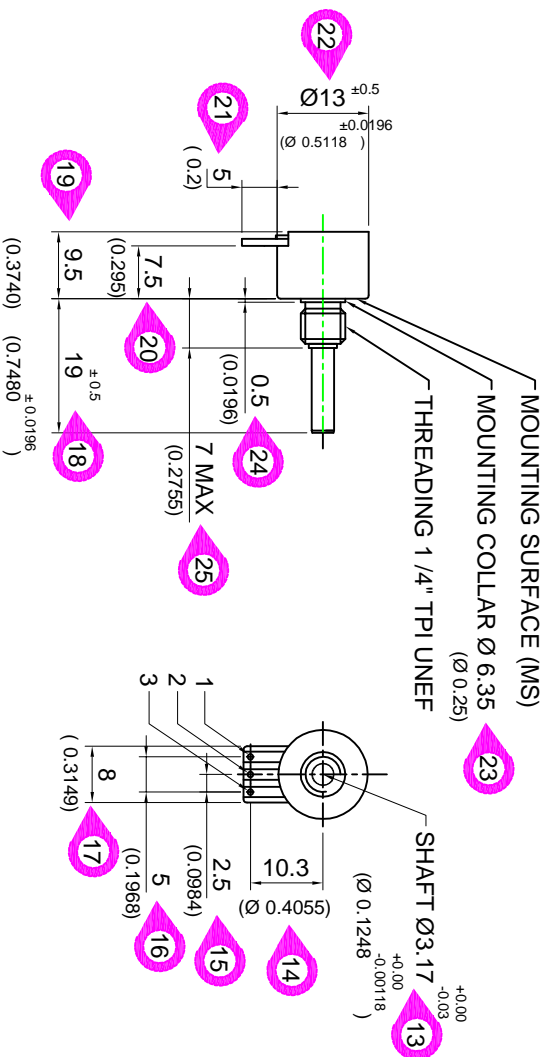
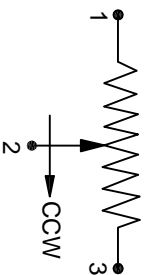


DIMENSIONS :- METRIC(INCH)



SCHEMATIC DIAGRAM



- FEATURES:-**
1. CONDUCTIVE PLASTIC LONG LIFE RESISTANCE ELEMENT.
  2. HIGH QUALITY ENGINEERING PLASTIC STURDY LOW PROFILE BODY.

ELECTRICAL CHARACTERISTICS	UNITS	VALUE
RESISTANCE ELEMENT...	--	CONDUCTIVE PLASTIC
TOTAL RESISTANCE...	Ohms	1K,2K,5K,10K OTHER VALUES UPTO 100K
STANDARD RESISTANCE TOLERANCE...	%	±20 <b>02</b>
INDEPENDENT LINEARITY TOLERANCE...(IEC 60393)...	%	±5 <b>03</b>
ELECTRICAL ANGLE...	DEGREES	300°±5° <b>04</b>
RESOLUTION...	--	ESSENTIALLY INFINITE <b>05</b>
POWER RATING @ 70°C...	WATTS	0.5
INSULATION RESISTANCE @ 500 VDC...	M Ohms	500 <b>06</b>
DIELECTRIC STRENGTH ...	V ac	500 <b>07</b>
MAXIMUM WIPER CURRENT ...	mAmps	1
SHORT TIME WIPER CURRENT *10 SEC. ...	mAmps	10
END VOLTAGE AS A % OF APPLIED VOLTAGE ...	%	< 0.5 MAXIMUM <b>08</b>

MECHANICAL CHARACTERISTICS :-		
ROTATION (MECHANICAL ANGLE) WITH STOP...	DEGREES	320° ±5 <b>09</b>
BEARING TYPE...	--	SLEEVE
TORQUE... STARTING...	N MM OZ INCH	7.0 (0.991) <b>10</b>
TORQUE... RUNNING...	N MM OZ INCH	5.0 (0.708)
AXIAL PLAY...	MM (INCH)	0.20(0.00787) <b>11</b>
RADIAL PLAY...	MM (INCH)	0.20(0.00787) <b>12</b>

ENVIRONMENTAL CHARACTERISTICS :-		
OPERATING TEMPERATURE...	DEGREES C	- 40 to + 105
ROHS COMPLIANCE...	---	YES

PERFORMANCE :-		
ROTATIONAL LIFE (SHAFT REVOLUTIONS)...	NOS.	5,000,00 ( TYPICAL )
MATERIALS OF CONSTRUCTION:-		

HOUSING...	--	ENGG. PLASTIC
SHAFT...	--	STAINLESS STEEL
TERMINALS...	--	PADS ON PCB, GOLD PLATED PTH
MOUNTING HARDWARE ...	--	LOCK WASHER-STEEL + NUT-BRASS BOTH NICKEL PLATED

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 F OR CUSTOMER BENEFIT IN PRODUCT DESIGN & PROCESS. THE PRODUCT SUPPLIED MAY BE SLIGHTLY DIFFERENT THAN DESCRIBED BY ABOVE SPECIFICATIONS

<b>UNI-AUTOMATION (I) PVT. LTD.</b> TEL / FAX : +91 - (020) - 24420890 www.uniautomation.com		<b>SINGLE TURN CONDUCTIVE PLASTIC POTENTIOMETER</b> <b>P12-001</b>	
FIRST ISSUE : 2008/12/26 Scale : 1:1	UAPL PART NO. <b>129001</b>		CUSTOMER DRAWING REF NO N/A
TOLERANCE DIN-ISO 2768-1 (1991-06) (TOLERANCE CLASS-MEDIUM)	UAPL PART NO. <b>129001</b>		CUSTOMER :- UAPL STANDARD
REV. - 00 SHEET 1 Of 1	REV. - 00 SHEET 1 Of 1	REV. - 00 SHEET 1 Of 1	REV. - 00 SHEET 1 Of 1