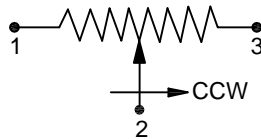
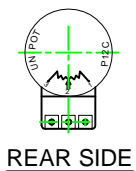
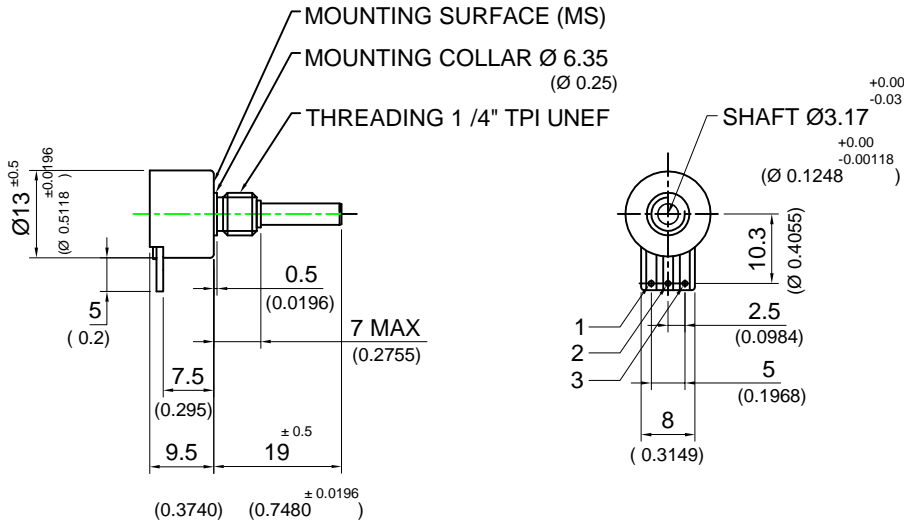


**DIMENSIONS :- METRIC(INCH)**



**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
INDEPENDENT LINEARITY TOLERANCE...(IEC 60393)..	%	± 5
ELECTRICAL ANGLE...	DEGREES	300°±5°
RESOLUTION...	--	ESSENTIALLY INFINITE
POWER RATING @ 70°C...	WATTS	0.5
INSULATION RESISTANCE @ 500 VDC...	M Ohms	500
DIELECTRIC STRENGTH ...	V ac	500
MAXIMUM WIPER CURRENT...	mAmps	1
SHORT TIME WIPER CURRENT 10 SEC. ...	mAmps	10
END VOLTAGE AS A % OF APPLIED VOLTAGE...	%	< 0.5 MAXIMUM

**MECHANICAL CHARACTERISTICS :-**

ROTATION (MECHANICAL ANGLE) WITH STOP...	DEGREES	320° ±5
BEARING TYPE...	--	SLEEVE
TORQUE... STARTING...	N.MM OZ INCH	7.0 (0.991)
TORQUE... RUNNING...	N.MM OZ INCH	5.0 (0.708)
AXIAL PLAY...	MM (INCH)	0.20(0.00787)
RADIAL PLAY...	MM (INCH)	0.20(0.00787)

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

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

**SINGLE TURN CONDUCTIVE PLASTIC POTENTIOMETER**

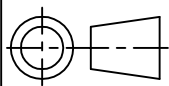
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FIRST ISSUE : 07/05/2015

SCALE : 1:1

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

**UAPL PART NO.  
129001**



CUSTOMER DRAWING REF NO  
NA

REV - 00

CUSTOMER :-UAPL STANDARD

SHEET  
1 Of 1