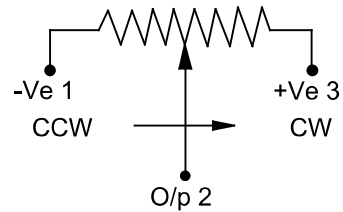
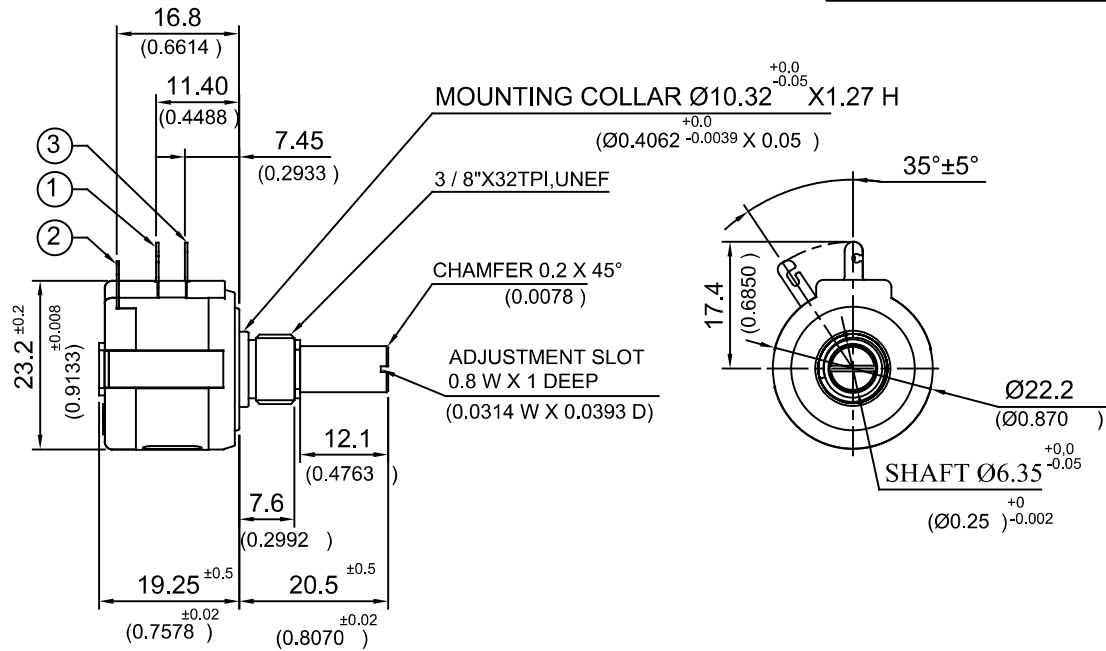
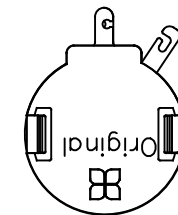


DIMENSIONS :- METRIC(INCH)



ELECTRICAL SCHEMATIC DIAGRAM



REAR SIDE VIEW

ELECTRICAL CHARACTERISTICS :-	UNITS	VALUE
RESISTANCE ELEMENT...	--	WIRE WOUND
TOTAL RESISTANCE...	Ohms	1K,2K,5K,10K
RESISTANCE TOLERANCE...	%	±10
INDEPENDENT LINEARITY TOLERANCE...(IEC 60393)..	%	±0.25
EFFECTIVE ELECTRICAL ANGLE...	DEGREES	1080° ±10°
RESOLUTION...	--	AS PER TURNS
POWER RATING @ 70°C...	WATTS	2
EQUIVALENT NOISE RESISTANCES...	Ohms	100
INSULATION RESISTANCE @ 500 VDC...	M Ohms	1000
DIELECTRIC STRENGTH @ 50 HZ...	V ac	750 MINIMUM
MAXIMUM WIPER CURRENT ...	mAmps	1.0
SHORT TIME WIPER CURRENT 10 SEC. ...	mAmps	10
END RESISTANCE...	%	0.1% OR 5 OHMS WHICH IS HIGHER

MECHANICAL CHARACTERISTICS :-		
ROTATION (MECHANICAL ANGLE) WITH END STOP	DEGREES	1080° ±10°
BEARING TYPE...	--	SLEEVE
STOPPER STRENGTH	N.cm Oz inch	45 (63.725)
TORQUE... STARTING...	N.cm Oz inch	0.5 (0.708)
NUT TIGHTENING TORQUE...	N.m	0.8 MAX
SPANNER SIZE OF NUT...	--	14
AXIAL PLAY...	mm	0.2
RADIAL PLAY...	mm	0.15

ENVIRONMENTAL CHARACTERISTICS :-		
OPERATING TEMPERATURE...	DEGREES C	-40 to +125°C
ROHS COMPLIANCE...	---	Yes
VIBRATION...	G	15
SHOCK	G	50

PERFORMANCE :-		
ELECTRICAL LIFE...	ROTATIONS	1,000,000

MATERIALS OF CONSTRUCTION:-		
HOUSING...	--	PLASTIC
SHAFT...	--	STAINLESS STEEL
TERMINALS...	--	BRASS, SILVER PLATED
MOUNTING HARDWARE	--	LOCK WASHER-STEEL + NUT-BRASS, A/F 12.6 X 2.5 MM,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

UPDATED DETAILS. DATE 05/11/2024
1. STOPPER STRENGTH - ADDED OZ - IN- 63.725
2. ELECTRICAL LIFE - MENTIONED AS 1,000,000 ROTATIONS INSTEAD OF 100,000

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

MULTI TURN WIRE WOUND POTENTIOMETER

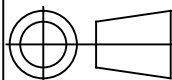
UNIPO NHP22 (011)
MULTI TURN POTENTIOMETER (3 TURN)

FIRST ISSUE : 2013/04/04

SCALE:- 1:1

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

UAPL PART NO
139011



CUSTOMER DRAWING REF NO
NA

CUSTOMER : UAPL STANDARD

REV - 00

SHEET
1 of 1