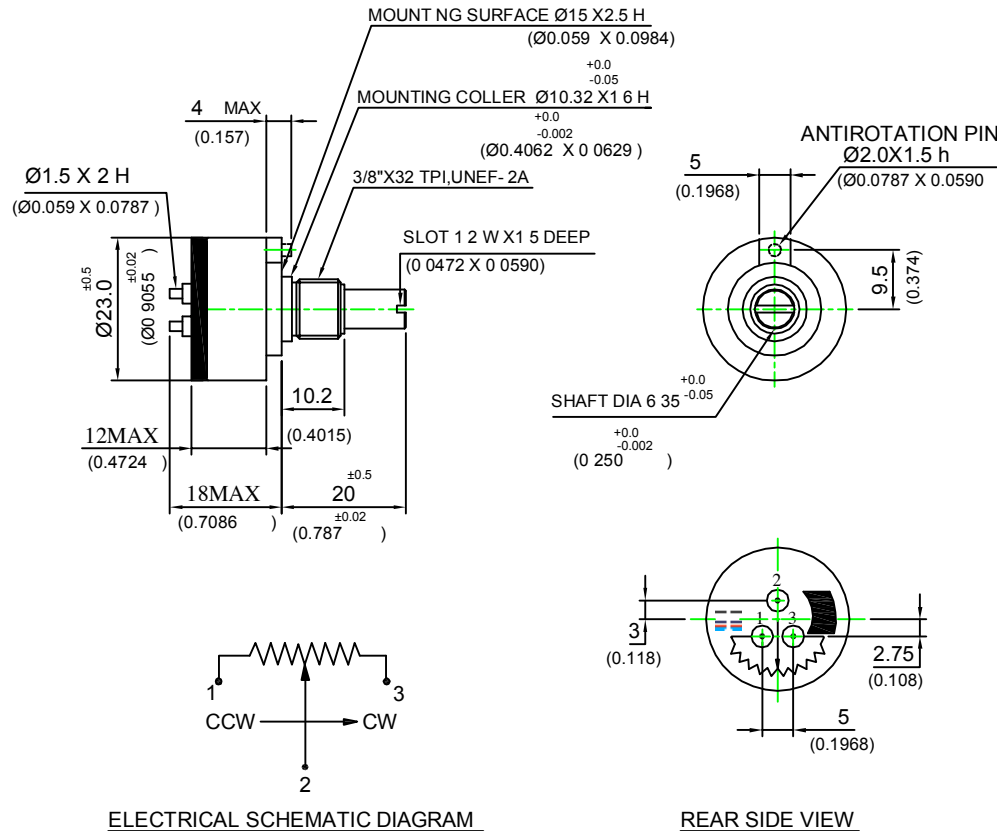


**DIMENSIONS :- METRIC (INCH)**



- 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. SPECIAL SMALLER ELECTRICAL ANGLES ..... AVAILABLE OPTION.

ELECTRICAL CHARACTERISTICS :-	UNITS	VALUE
RESISTANCE ELEMENT...	--	CONDUCTIVE PLASTIC
RESISTANCE RANGE...	Ohms	1K,2K,5K,10K(OTHER VALUE UP TO 100K)
RESISTANCE TOLERANCE...	±%	20
STANDARD INDEPENDENT LINEARITY TOLERANCE...( EC 393)...	±%	2
ELECTRICAL ANGLE...	DEGREES	320° ±5°
RESOLUTION...	--	ESSENTIALLY INFINITE
TEMPERATURE COEFFICIENT OF RESISTANCE(TCR)...	ppm/deg C	±400
POWER RATING @ 70°C...	WATTS	1.0
INSULATION RESISTANCE @ 500 VDC...	M Ohms	1000
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) WITH END STOP...	DEGREES	330° ±5° STOPPER
BEARING TYPE...	--	SLEEVE
TORQUE... STARTING...	NCM (OZ INCH)	>1.5 (2.124)
SPANNER SIZE OF NUT...	M.M. (OZ INCH)	14 (0.551)
NUT TIGHTNING TORQUE...	N.M. (OZ INCH)	0.8(113.28)
AXIAL PLAY...	M.M.(NCH)	0.2 (0.00787) MAX
RADIAL PLAY...	M.M.(NCH)	0.2 (0.00787) MAX

ENVIRONMENTAL CHARACTERISTICS :-		
OPERATING TEMPERATURE...	DEGREES C	-50 to +105
ROHS COMPLIANCE...	--	YES
PROTECTION CLASS...	--	IP.65

PERFORMANCE :-		
ROTATIONAL LIFE (SHAFT REVOLUTIONS)...	NOS.	5,000,000

MATERIALS OF CONSTRUCTION:-		
HOUSING...	--	ENGG. PLASTIC
SHAFT...	--	STAINLESS STEEL
TERMINALS...	--	BRASS, GOLD PLATED
MOUNTING HARDWARE ...	--	LOCK WASHER-STEEL + NUT- BRASS BOTH NICKEL PLATED
BUSHING...	--	INDUSTRIAL BRASS

**SOLDERING RECOMMENDATION :-** USE SOLDERING IRON AT 350° C FOR 3 SECOND MAXIMUM. CLEAN THE SOLDERED PADS WITH INHERENT ALCOHOL TO AVOID NOISE IN OUTPUT. CONTINUOUS IMPROVEMENTS ARE BEING MADE IN PRODUCT DESIGN & PROCESS FOR ENHANCING PERFORMANCE FOR CUSTOMER BENEFIT THE PRODUCT SUPPLIED MAY BE SLIGHTLY DIFFERENT THAN DESCRIBED BY ABOVE SPECIFICATIONS

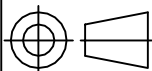
Precision Sales Inc  
 www.precisionsales.com  
 610-359-1002  
 F:610-353-1674

**CONDUCTIVE PLASTIC  
 POTENTIOMETER  
 PSI65-23B**

FIRST ISSUE : 2013/20/02 SCALE:-1:1

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

UAPL PART NO  
 129XXX



CUSTOMER DRAWING REF NO  
 NA

REV - 00

CUSTOMER : STD

SHEET  
 1of1