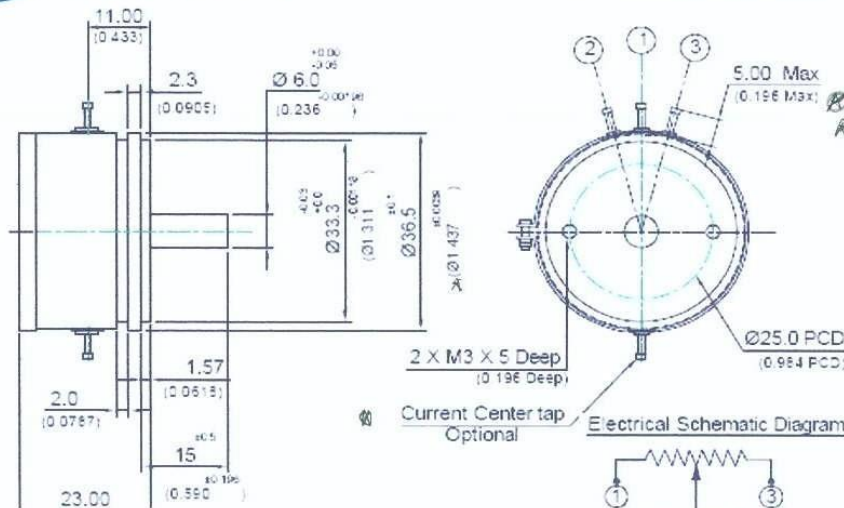




OHM Elektronik ve Ticaret

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Features:-

1. Anodized Aluminum precision machined body
2. Special smaller electrical angles available option.
3. Precious metal high technology wiper gives noise free output.

ELECTRICAL CHARACTERISTICS	UNITS	VALUE
Resistance Element	--	Wire Wound
Resistance value	Ohms	100, 500, 1k, 2k, 5k, 10k.
Standard Resistance Tolerances	%	±10
Best Possible Resistance Tolerances	%	±5
Standard Independent Linearity Tolerances (IEC 393)	%	±0.2
Electrical angle (Smaller angles optional)	Degrees	355° ± 3°
Resolution	--	As per turns
Temperature Coefficient of Resistance (TCR)	ppm/deg C	± 50 Up to 1k ohms 150 for other values.
Power Rating @ 70° C	Watts	3
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 Resistance	Ohms	<50

MECHANICAL CHARACTERISTICS :-

Rotation (Mechanical Angle)	Degrees	360°
Bearing Type	--	Ball Bearing
Torque .. Starting	Nmm (Oz Inch)	3 (0.42)
Torque .. Running	Nmm (Oz Inch)	2 (0.28)
axial Play	mm (Inch)	0.1 (0.00393)
Radial Play	mm (Inch)	0.1 (0.00393)

ENVIRONMENTAL CHARACTERISTICS :-

Operating Temperature	Degrees C	-50 to +105
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PERFORMANCE :-

Rotational Life (shaft Revolutions)	Nos	2,000,000
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MATERIALS OF CONSTRUCTION:-

Housing	--	Aluminum Anodized
Shaft	--	Stainless Steel
Terminals	--	Brass gold plated stud type terminal

Soldering Recommendation - Use soldering iron at 350° C for 3 second maximum

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Tel/Fax: +91-(020)-24440690

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First Issue : 2005/01/30

Scale:- 1:1

Tolerances

UNISO 2715-1 (1991-06)
(Tolerance class:medium)

UAPL PART NO

129501



40 WW 10 KOHM

CUSTOMER DRAWING REF NO

Customer: UAPL STANDARD

REV - 00

SHEET

1 of 1

SERVO POTENTIOMETER CURRENT CENTER TAP WIRE WOUND