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REV.	BY	DATE	APPRVL.	P/N	RV4NAYSJ

# **SPECIFICATIONS**

RESISTANCE RANGE 1K,5K,10K
RESISTANCE TOLERANCE ±10%
POWER RATING2 WATTS @70°C
DERATED TO 0 WATTS AT 120°C
MECHANICAL ANGLE 314°
OPERATING VOLTAGE 500V SUBJECT TO POWER RATING
INSULATION RESISTANCE DRY: 10K MEG OHM
WET: 100K MEG OHM
DIELECTRIC STRENGTH 900 V RMS AT SEA LEVEL
OPERATING TORQUE 1 OZ/IN TO 6 OZ/IN
OPERATING TEMPERATURE
ROTATIONAL LIFE 25,000 CYCLES

# **MATERIALS**

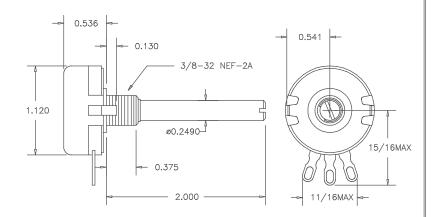
HOUSING	STAIN	NLESS	STEE	L
TERMINALS	GOLE	) PLATI	ED	
SHAFT	STAI	NLESS	STE	EL
RESISTIVE ELEMENT	HOT	MOLDE	D C	ARBON

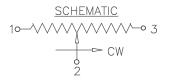
#### ENVIRONMENTAL

RESISTANCE TO SOLDERING HEAT 350°C FOR 5 SECONDS
HUMIDITY RANGE PER MIL-R-94
VIBRATION RANGE PER MIL-R-94
SHOCK RESISTANCE PER MIL-R-94
LOAD LIFE 1000 Hr AT 70°C

### **OPTIONS**

OTHER STANDARD RESISTANCE VALUES AVAILABLE
CUSTOM SHAFTS AND BUSHINGS
SPECIAL TAPERS
FOURTH ( CENTER) TERMINAL
HIGH LIFE





TOLERANCES

XX = +/- .010" FRACT. = +/- 1/64"

XXX= +/- .005" ANGLES = +/- 1/2°

ATTACHED SWITCH

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

SCALE	DATE:	12-7-07
	BY	AT
NONE	APPRV'D	
CODE	IDENT:	19477

ETI ®	ETI SYSTEMS carlsbad
SYSTEMS	CALIFORNIA

TITLE SINGLE TURN	
POTENTIOMETE	<

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	WRITTEN PERMISSION.

REV.	BY	DATE	APPRVL.	P/N	RV4NAYSD

#### **SPECIFICATIONS**

RESISTANCE RANGE	100,500,1K,5K,10K,50K,100K,1MEG OHM
RESISTANCE TOLERANCE	±10%
POWER RATING	2 WATTS @70°C
	DERATED TO 0 WATTS AT 120°C
MECHANICAL ANGLE	314°
OPERATING VOLTAGE	500V SUBJECT TO POWER RATING
INSULATION RESISTANCE	DRY: 10K MEG OHM
	WET: 100K MEG OHM
DIELECTRIC STRENGTH	900 V RMS AT SEA LEVEL
OPERATING TORQUE	1 OZ/IN TO 6 OZ/IN
OPERATING TEMPERATURE	65°C TO +125°C
ROTATIONAL LIFE	25,000 CYCLES

## **MATERIALS**

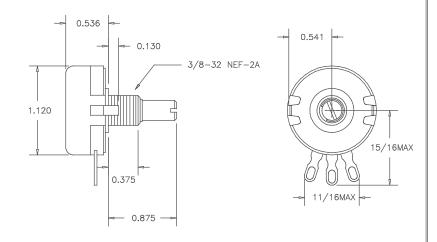
## ENVIRONMENTAL

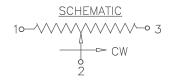
#### **OPTIONS**

OTHER STANDARD RESISTANCE VALUES AVAILABLE
CUSTOM SHAFTS AND BUSHINGS
SPECIAL TAPERS
FOURTH ( CENTER) TERMINAL

HIGH LIFE

ATTACHED SWITCH





	TOL	Ε	RΑ	ИC	Έ	S

XX = +/- .010" FRACT. = +/- 1/64" XXX = +/- .005" ANGLES = +/- 1/2°

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

-	SCALE	DATE:	12-7-07
	SCALE	BY	AT
	NONE	APPRV'D	
	CODE	IDENT:	19477

®	ETI
	SYSTEMS CARLSBAD CALIFORNIA
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SYSTEMS

1	TITLE SINGLE TURN
	POTENTIOMETER

PART NO.

RV4NAYSD

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SPECIFICATIONS  RESISTANCE RANGE RESISTANCE TOLERANCE POWER RATING MECHANICAL ANGLE OPERATING VOLTAGE INSULATION RESISTANCE DIELECTRIC STRENGTH OPERATING TORQUE OPERATING TEMPERATURE ROTATIONAL LIFE MATERIALS HOUSING TERMINALS	DERATED TO 0 WAS DERATED TO 1 WET: 10 C 900 V RMS 1 0Z/ 65 2 STAINLESS STEEL	10K,50K OHM ±10% WAITS @70°C TIS AT 120°C 314° POWER RATING DK MEG OHM JOK MEG OHM JOK MEG OHM TO SEA LEVEL I'N TO 6 0Z/IN C TO +125°C	1.120	0.536		0.090	5/8-32 NEF		0.541 - 15/16MAX
SHAFT	STAINLESS STEEL	N			0.500	'			- 11/16MAX -
RESISTANCE TO SOLDERING HEAT HUMIDITY RANGE VIBRATION RANGE SHOCK RESISTANCE LOAD LIFE	PER MII PER MIL	R_94 R_94 L_R_94			•	1			
OTHER STANDARD RESISTANCE VA CUSTOM SHAFTS AND BUSHINGS SPECIAL TAPERS FOURTH ( CENTER) TERMINAL HIGH LIFE ATTACHED SWITCH	LUES AVAILABLE							10	SCHEMATIC  SCHEMATIC  SCHEMATIC  SCHEMATIC  SCHEMATIC  SCHEMATIC
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