

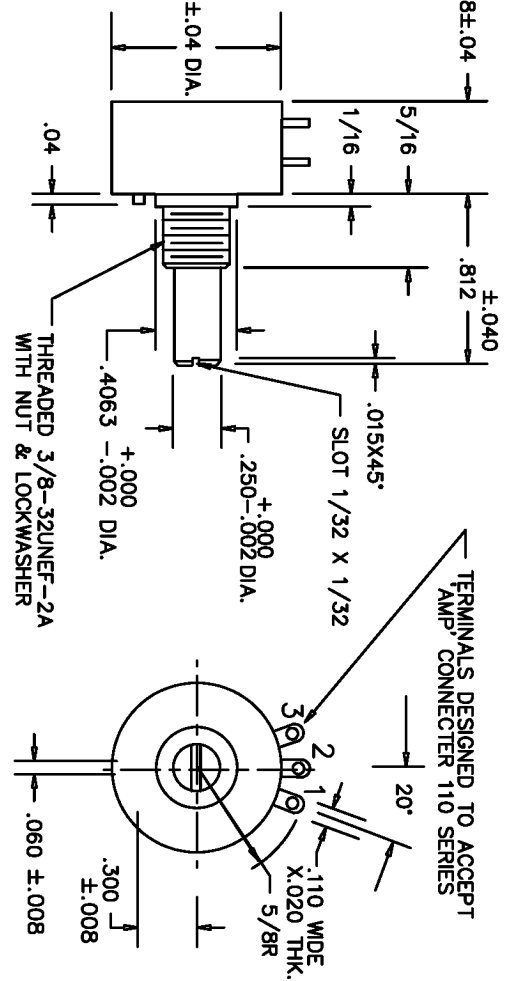
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REV.	BY	DATE	APPRVL.	P/N
E	DM	7/25/96	BT	SW22E

ADDED 20K SPECS TO VALUES CHART

**SPECIFICATIONS**

- RESISTANCE RANGE ----- 50 OHMS TO 20K OHMS
- RESISTANCE TOLERANCE ----- ±3%
- INDEPENDENT, LINEARITY ----- ±0.5%
- POWER RATING ----- 0.5 WATTS
- ELECTRICAL NOISE ----- 100 OHM MAX.
- ELECTRICAL ANGLE ----- 320±5°
- MECHANICAL ANGLE ----- 320±5°
- STOP STRENGTH ----- 84 OZ.IN.MIN.
- END RESISTANCE ----- 2% OR 1 OHM MAXIMUM
- RESOLUTION ----- SEE CHART
- INSULATION RESISTANCE ----- 1000 MEGOHMS AT 1000 VDC MIN.
- DIELECTRIC STRENGTH ----- 1000 VAC
- STARTING TORQUE ----- 0.8 OZ.IN.MAX.
- TEMPERATURE COEFFICIENT ----- SEE CHART
- WEIGHT ----- APPROX. 0.7 OZ.
- OPERATING TEMPERATURE ----- -55°C TO +105°C
- ROTATIONAL LIFE ----- 500,000 SHAFT REVOLUTIONS



- MATERIALS**
- HOUSING----- HIGH TEMP. THERMO PLASTIC
  - TERMINALS----- GOLD PLATED BRASS
  - BUSHING----- BRASS
  - SHAFT ----- STAINLESS STEEL
  - RESISTIVE ELEMENT----- WIREWOUND

**NON-STANDARDS AVAILABLE**

- MULTI-RANGED UP TO 6 SECTIONS
- REAR SHAFT EXTENSION
- FRONT SHAFT MODIFICATIONS
- CENTER TAP
- SPECIAL ELECTRICAL AND MECHANICAL ANGLES

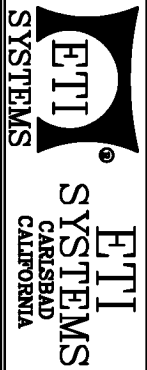
**STANDARD RESISTANCE VALUES CHART**

RESISTANCE (OHMS)	50	100	200	500	1K	2K	5K	10K	20K
RESOLUTION	.33	.27	.21	.22	.17	.13	.10	.08	.06
TEMPERATURE									
COEFFICIENT PPM/°C	80	80	80	20	20	20	20	20	20

**TOLERANCES**

XX = +/- .010° FRACT. = +/- 1/64°  
 XXX = +/- .005° ANGLES = +/- 1/2°  
 ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SCALE	DATE: 8/4/86
NONE	BY BT
APPRV/D	BT
CODE IDENT: 19477	



**TITLE**  
 SINGLE TURN  
 POTENTIOMETER

**PART NO.**  
 SW22E

