

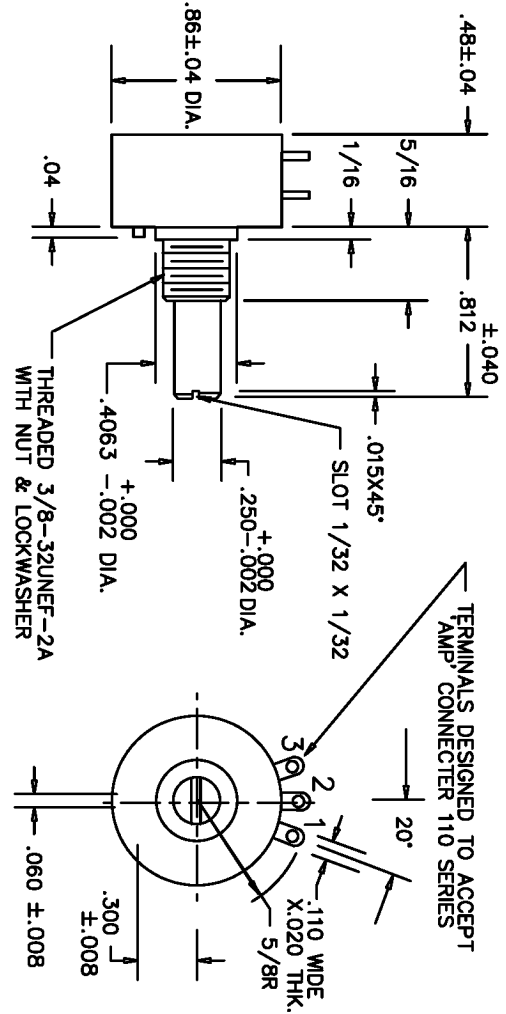
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| REV. | BY | DATE | APPRVL. | P/N |
|------|----|---------|---------|-------|
| E | DM | 7/25/96 | BT | SW22E |

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

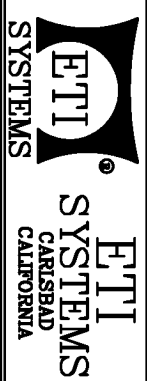
MULTI-RANGED UP TO 6 SECTIONS
 REAR SHAFT EXTENSION
 FRONT SHAFT MODIFICATIONS
 CENTER TAP
 SPECIAL ELECTRICAL AND MECHANICAL ANGLES

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

