

THIS DOCUMENT CONTAINS PROPRIETARY DATA OF POLARIS INDUSTRIAL ENTERPRISES, INC. NO DISCLOSURE, REPRODUCTION, OR USE OF ANY PART THERE OF MAY BE MADE EXCEPT BY WRITTEN PERMISSION.

REV.	BY	DATE	APPRVL.	P/N
C	DWS	4/17/98		SP12B

CONTACT RESIS. VARIATION WAS 2%./ ROTATIONAL LIFE WAS 10 MILLION.

SPECIFICATIONS

ELECTRICAL

RESISTANCE VALUES _____ 500, 1K, 2K, 5K, 10K, 20K, 50K, 100K
 RESISTANCE TOLERANCE _____ ±15%
 LINEARITY (INDEPENDENT) _____ ±2%
 ELECTRICAL ANGLE _____ 300° ±5°
 END RESISTANCE _____ 0.2% MAX.
 RESOLUTION _____ ESSENTIALLY INFINITE
 INSULATION RESISTANCE _____ 1000 MEGOHMS @ 500 VDC
 DIELECTRIC STRENGTH _____ 500 V.A.C.
 POWER RATING _____ .2 WATTS
 CONTACT RESIS. VARIATION _____ BELOW 3% C.R.V.
 OUTPUT SMOOTHNESS _____ LESS THAN 0.1%

MECHANICAL

NO. OF TURNS _____ 1
 MECHANICAL ROTATION _____ CONTINUOUS
 ROTATIONAL LIFE _____ 5,000,000 TURNS
 STOP STRENGTH _____ N/A
 TORQUE _____ 0.3 OZ.IN.
 WEIGHT _____ 8 GRAMS

ENVIRONMENTAL

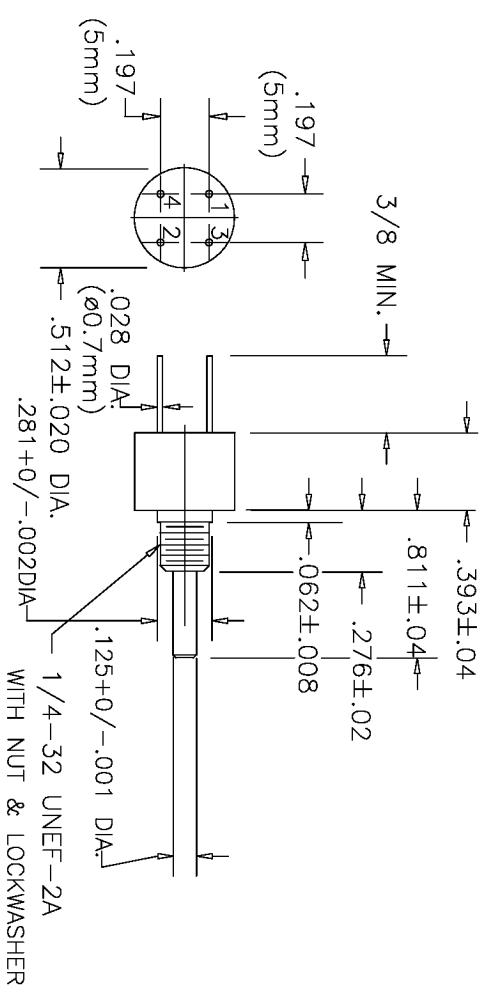
OPERATING TEMPERATURE _____ -55°C TO +105°C
 TEMPERATURE COEFFICIENT _____ ±400 PPm/°C
 VIBRATION _____ 10HZ TO 2000HZ 15G
 SHOCK _____ 50G
 MOISTURE RESISTANCE _____ 40°C 95%RH 120 HOURS

MATERIALS

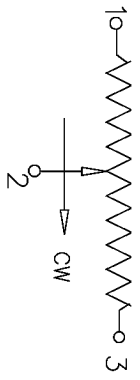
HOUSING _____ BRASS PLATED
 SHAFT _____ STAINLESS STEEL
 TERMINALS _____ GOLD PLATED BRASS
 RESISTANCE ELEMENT _____ CONDUCTIVE PLASTIC

OPTIONAL FEATURES

SHAFT MODIFICATIONS
 SERVO MOUNT
 CENTER TAP
 O-RING SHAFT SEAL
 SPECIAL ANGLES

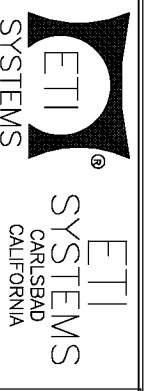


SCHEMATIC



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

SCALE	DATE: 12-30-89
NONE	BY
CODE IDENT: 19477	APPRV'D BT



TITLE
 SINGLE TURN
 POTENTIOMETER

PART NO.
 SP12B

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Precision Potentiometers](#) category:

Click to view products by [ETI Systems](#) manufacturer:

Other Similar products are found below :

[578002M9648](#) [70J1G032S202A](#) [176FL1-284](#) [F78SB102-M257](#) [3548H-1AA-103B](#) [485025M9267](#) [MH12B-10L-10K](#) [578005M9656](#)
[72N4N048S203W](#) [RO200SF1C103](#) [114BF2A102-L774](#) [200FL1-199](#) [78FL1-397](#) [78MKV-128](#) [501-0004](#) [501-0018](#) [SE15303-352-T4](#)
[284TCBF103A26A1](#) [RO34SF1B502](#) [200FL1-260](#) [4205R10KL.5](#) [3548H-1AB-502A](#) [157-0237](#) [1521R10KL.3](#) [284TBBK103A26B1](#) [SP22G-](#)
[500](#) [DC22-10-100](#) [JC22S 1K 0.5%](#) [RCL-200](#) [380C2750K](#) [380C2500K](#) [3590P-1-103L](#) [3547S-1AA-202A](#) [534B1250JC](#) [3543S-1-202L](#)
[3545S-1-202L](#) [3543S-1-102L](#) [3543S-1-502L](#) [3545S-1-103L](#) [3549S-2AA-102/102A](#) [P3265](#) [P3270](#) [P3275](#) [P3280](#) [P3285](#) [P3290](#) [AR200KL.25](#)
[6637S-1-102](#) [RV6NAYSD101AP](#) [SP22E-3011-10K](#)