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GENERAL OPERATING CHARACTERISTICS

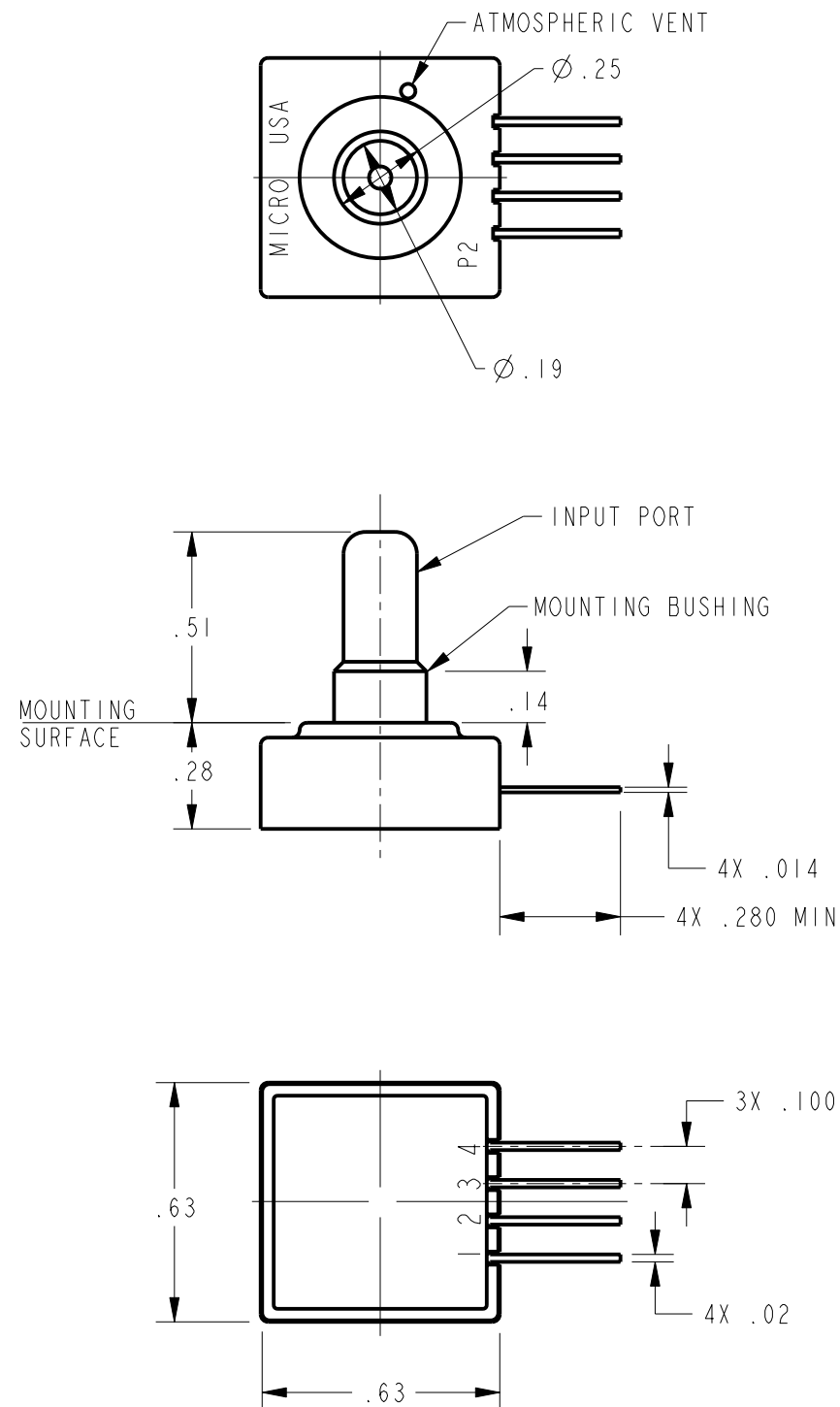
PRESSURE RANGE	0 TO 5170 mmHg (0 TO 100 PSIG)
OVERPRESSURE	7755 mmHg (150 PSI)
TEMPERATURE RANGES	
STORAGE	-55° TO +125°C
OPERATE	-40° TO +85°C
COMPENSATED	0°C TO +50°C
SUPPLY VOLTAGE	16 VDC MAX
INPUT RESISTANCE	6800 OHM TYP

ELECTRICAL PERFORMANCE AT 10.00±.01 VDC SUPPLY AND +25°C

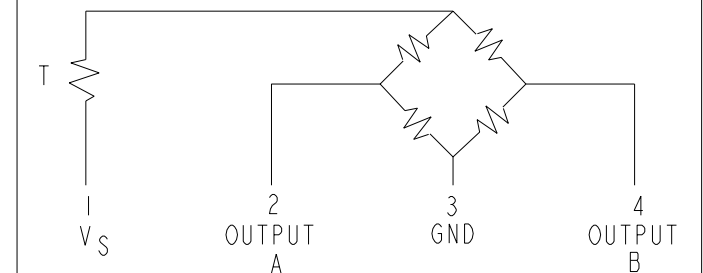
NULL OFFSET	0 ± 1 mV (AT 0 PSI)
F.S.O. ∇ 3	100 ± 4 mV (0 TO 100 PSI)
LINEARITY (BFSL) INPUT > VENT	± .4% F.S.O. MAX ∇ 3
HYSTERESIS & REPEATABILITY	± .15% F.S.O. TYP ∇ 3

TEMPERATURE ERROR (25°C TO 0°C OR 25°C TO 50°C)

NULL SHIFT	$\pm 2 \text{ mV MAX}$
SENSITIVITY SHIFT	$\pm 3.0\% \text{ F.S.O. MAX}$ $\sqrt{3}$



CIRCUIT DIAGRAM

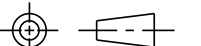


OUTPUT "A"	INCREASES AS INPUT PRESSURE INCREASES
OUTPUT "B"	DECREASES AS INPUT PRESSURE INCREASES

NOTES

- NOTES
- 1 - TERMINALS ARE PLATED FOR SOLDERING
 - 2 - LIMIT SOLDERING TO 315°C MAX FOR 10 SECONDS MAX
 - 3 - F.S.O. IS THE ALGEBRAIC DIFFERENCE BETWEEN THE OUTPUT
END POINTS (NULL AND FULL PRESSURE)
 - 4 - INPUT MEDIA LIMITED ONLY TO THOSE MEDIA THAT WILL NOT
ATTACK POLYESTER, SILICON OR EPOXY

THIRD ANGLE PROJECTION



SCALE 2:1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACE	(.00)	±.015

THREE PLACE (.000) $\pm .005$
ANGLES $\pm$

WEIGHT

Mouser Electronics

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