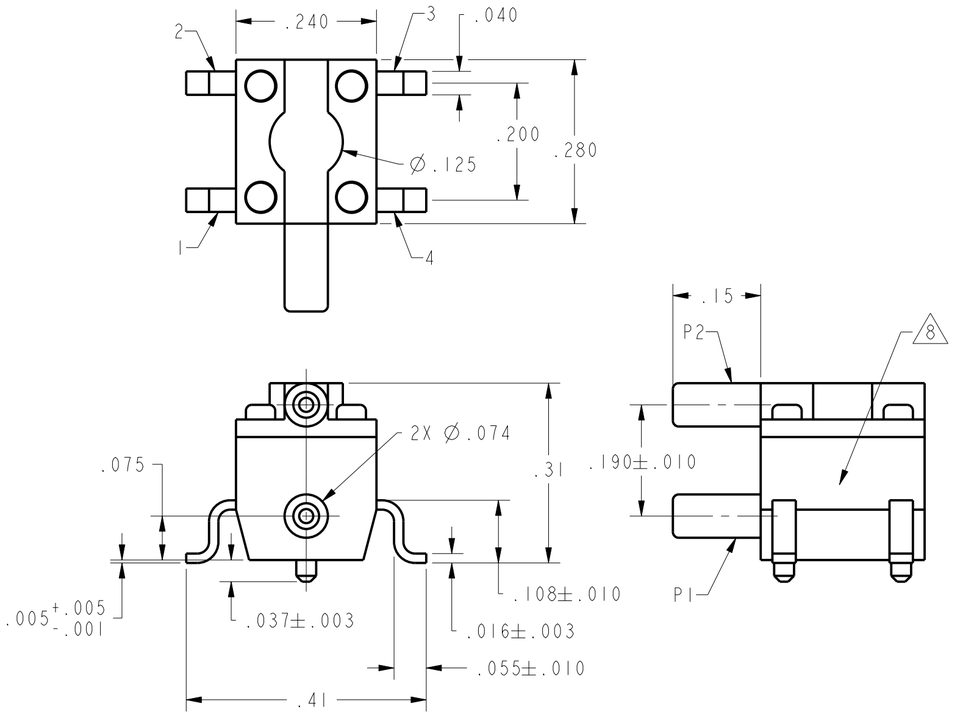
FO-52847-F

REV	DOCUMENT	CHANGED BY	CHECK
10	0036788	SSK 21JAN08	BLR



NOTES
1. SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MAXIMUM RATED OPERATING PRESSURE AND OUTPUT AT 0 PSI
2. TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25°C
3. INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK SILICON, THE HOUSING MATERIAL OR SEAL MATERIAL
4. SENSOR IS OPERATIONAL OVER VACUUM PRESSURE RANGE
5. RATIOMETRIC TO SUPPLY VOLTAGE
6. RECOMMENDED TUBING SIZE: .062 I.D. X .031 WALL THICKNESS
7. FOR COMMON MODE NULL OFFSET INFORMATION, SEE APPLICATION NOTES
8. LASER MARK DATE CODE AND CATALOG LISTING THIS AREA

GENERAL OPERATING CHARACTERISTICS

(ELECTRICAL PERFORMANCE AT 10.00±0.01 VDC EXCITATION, 25°C)

OPERATING PRESSURE RANGE (PSIG)	0 - 1			0 - 5			0 - 15			
CATALOG LISTING	26PC01SMT			26PC05SMT			26PC15SMT			
	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	UNITS
SPAN (P2>P1) 1	14.7	16.7	18.7	47	50	53	96	100	104	mV
NULL OFFSET	-2.0	0	+2.0	-2.0	0	+2.0	-2.0	0	+2.0	mV

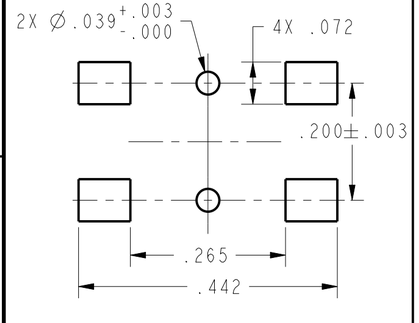
	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	UNITS
LINEARITY (BFSL, P2>P1)		±0.50	+1.75		±0.50	+1.5		±0.50	+1.0	%SPAN
NULL SHIFT (0 TO 25°C, 25 TO 50°C) 2			±1.0			±1.0			±1.0	mV
SPAN SHIFT (0 TO 25°C, 25 TO 50°C) P2>P1 2		±1.5	±4.5		±1.0	±1.7		±.75	±1.5	%SPAN
REPEATABILITY AND HYSTERESIS		±0.2			±0.2			±0.2		%SPAN
OVERPRESSURE (P2>P1 ; P1>P2)			20			20			45	PSI
COMMON MODE PRESSURE 7										

ALL PRESSURE RANGES	MIN	TYP	MAX	UNITS
EXCITATION VOLTAGE		10	16	VDC
INPUT RESISTANCE	5.5K	7.5K	11.5K	OHMS
OUTPUT RESISTANCE	1.5K	2.5K	3.0K	OHMS
RESPONSE TIME			1.0	mS

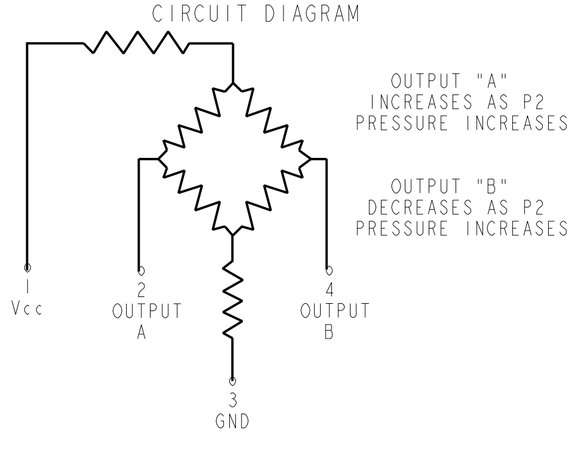
TEMPERATURE RANGES	
STORAGE	-55°C TO +100°C (-67°F TO +212°F)
OPERATE	-40°C TO +85°C (-40°F TO +185°F)
COMPENSATED	0 TO +50°C (+32°F TO +122°F)

CATALOG LISTING	BRANDING CODE
26PC01SMT	601F
26PC05SMT	605F
26PC15SMT	615F
10	6100FG
26PC01SMT-SAMPLES	601F
26PC05SMT-SAMPLES	605F
26PC15SMT-SAMPLES	615F

SUGGESTED LAND PATTERN



CIRCUIT DIAGRAM



UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: (X) US (inch) CUSTOMARY ( ) SI (mm) METRIC

NO PLACE	X	±.040	±1
ONE PLACE	.X	±.030	±0,4
TWO PLACE	.XX	±.015	±0,15
THREE PLACE	.XXX	±.005	±
ANGLES		±	±

RAW MATERIAL-COMMERCIAL STANDARD

THIRD ANGLE PROJECTION

DRAWN	WJC	10JUL01
CHECK	SAV	10JUL01

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DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED

3D PTC | ASME Y14.5M-1994

Honeywell

TITLE: BRIDGE PRESSURE SENSOR

SIZE	DWG TYPE	DRAWING NAME	REV
C	1	26PC SMT SERIES CHART 1	10

SCALE 5:1 | WEIGHT .5 GRAMS | SHEET 1 OF 1