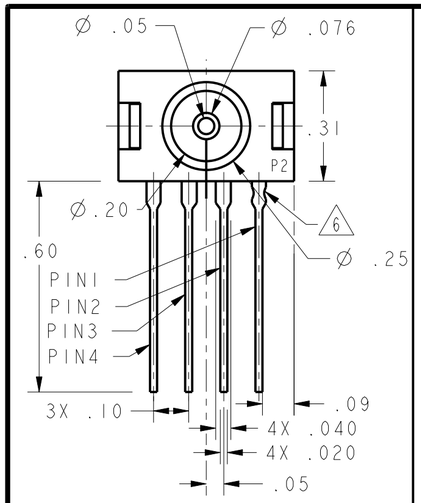
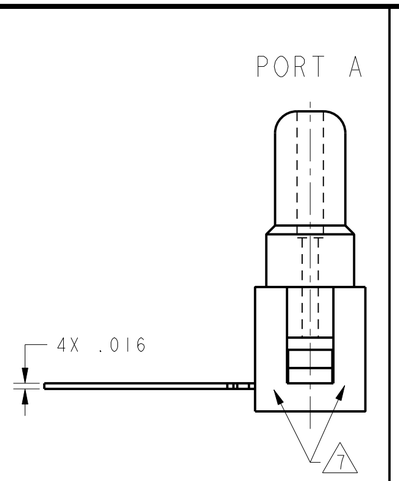
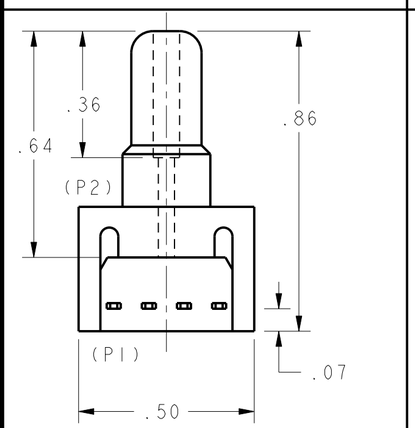






24PC SERIES CHART 7

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

PARAMETERS	PRESSURE RANGES (PSI)	MIN	TYP	MAX	UNITS
NULL OFFSET	ALL	-30	0	+30	mV
NULL SHIFT △2 0° TO 25°C OR 25° TO 50°C			±1.0		
SPAN △1 P2 > P1	0 TO 15 G	-165	-225	-285	
SENSITIVITY SHIFT △2 0° TO 25°C OR 25° TO 50°C P2 > P1 AT 10 VDC AT 2 mA	ALL		±5.0		%SPAN
LINEARITY P2 > P1 (BFSL) P1 > P2	ALL		.2	1.0	
REPEATABILITY & HYSTERESIS	ALL		±.5		
STABILITY OVER 1 YEAR	ALL		±1.5		
EXCITATION VOLTAGE	ALL				
INPUT RESISTANCE	ALL		5.0K		OHMS
(P1 > P2) (P2 > P1) OVERPRESSURE AT 25°C	0 TO 15 G			45	
TEMPERATURE STORAGE OPERATE	ALL	-55° TO +100°C (-67°F TO +212°F) -40° TO +85°C (-40°F TO +185°F)			

NOTES
1. △1 SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN END POINTS (OUTPUT AT MINIMUM AND MAXIMUM PRESSURE)
2. △2 TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25° AND EXPRESSES THE DEVIATION THAT COULD OCCUR AS TEMPERATURE IS RAISED OR LOWERED TO LIMITS INDICATED
3. INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK POLYESTER, SILICON, BUNA-N OR FLUROSILICONE
4. TERMINALS ARE PLATED FOR SOLDERING
5. LIMIT SOLDERING TO 315° FOR 10 SECONDS MAX
6. △6 PIN 4 IS IDENTIFIED BY NOTCH IN LEAD
7. △7 CATALOG LISTING AND DATE CODE HERE. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING
8. △8 DIE ROTATED 90°

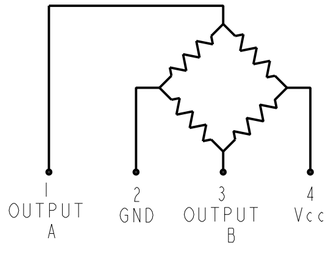
24PC_F_3G

- STYLE (G) GAGE
- TERMINATION (3) 1 X 4 (.60 IN.)
- PORT (A) STRAIGHT
- SEAL (F) FLUOROSILICONE
- PRESSURE (C) 15 PSI △8

CATALOG LISTING	LASER BRAND
24PCCFA3G	4CF3G

METRIC	INCHES
0,41	.016
0,51	.020
1,02	.040
1,3	.05
1,8	.07
1,93	.076
2,0	.08
2,3	.09
2,5	.10
5,1	.20
6,4	.25
7,9	.31
8,9	.35
9,14	.36
12,7	.50
15,3	.60
16,26	.64
20,3	.80
21,59	.85
21,8	.86

CIRCUIT DIAGRAM



THIRD ANGLE PROJECTION

SCALE 3 : 1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT 2 OZ

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 91929

BRIDGE PRESSURE SENSOR

CATALOG LISTING
24PC SERIES CHART 7

ANSI Y14.5M-1982 APPLIES

24PC SERIES CHART 7 | PAGE 1 OF 1 | RELEASE NO. CO-73408 | DRAWING NUMBER 12 | ISSUE

REVISIONS

A	203940	TSM 14 SEP 01	B	0013886	CMH 28JUN05	28JUN05	AK	LIFEBOO	SAV	LIFEBOO

CHECK | CHECK | CHECK | REPLACES

PTC/CAD 2D | DRAWN TSM LIFEBOO