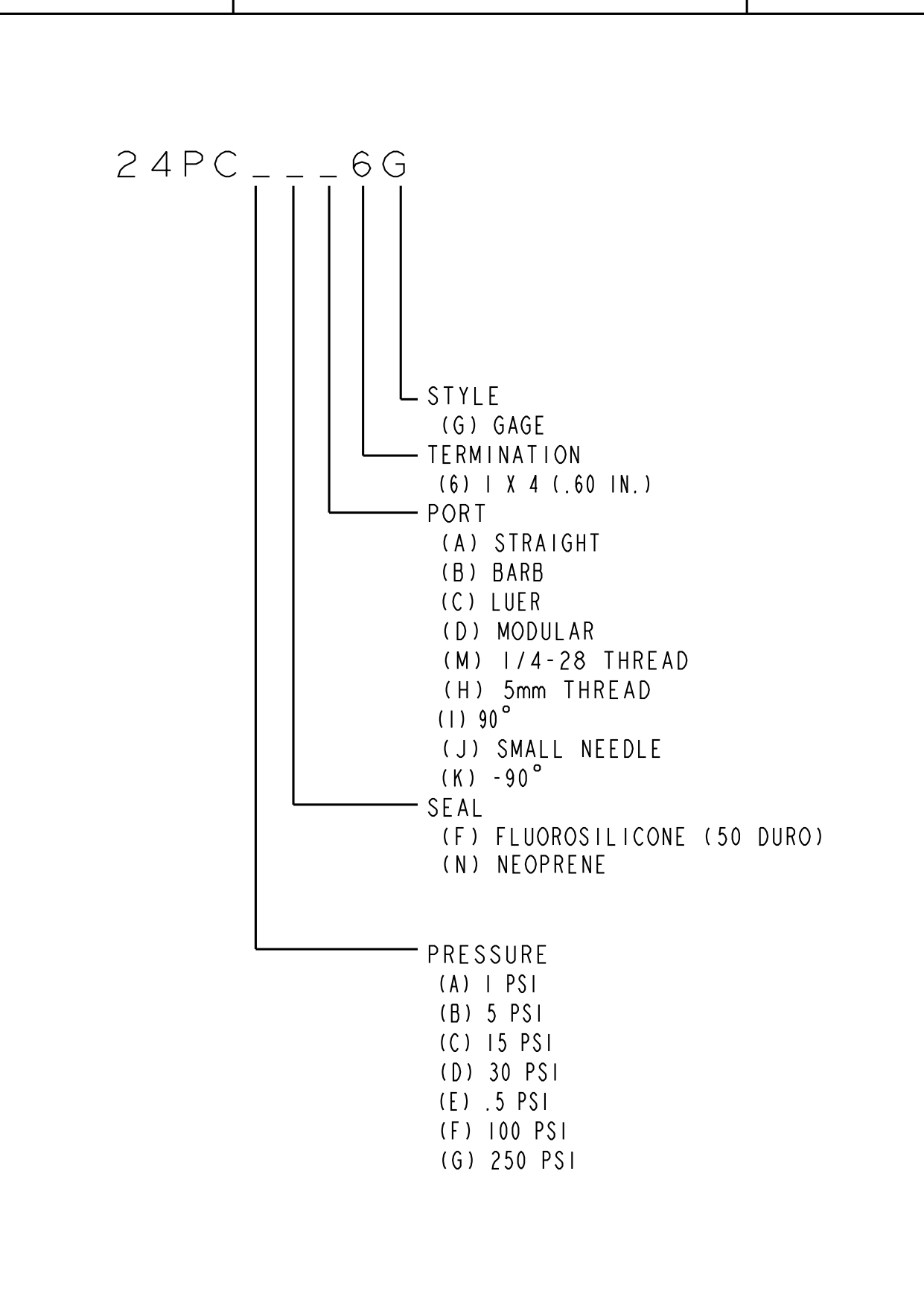
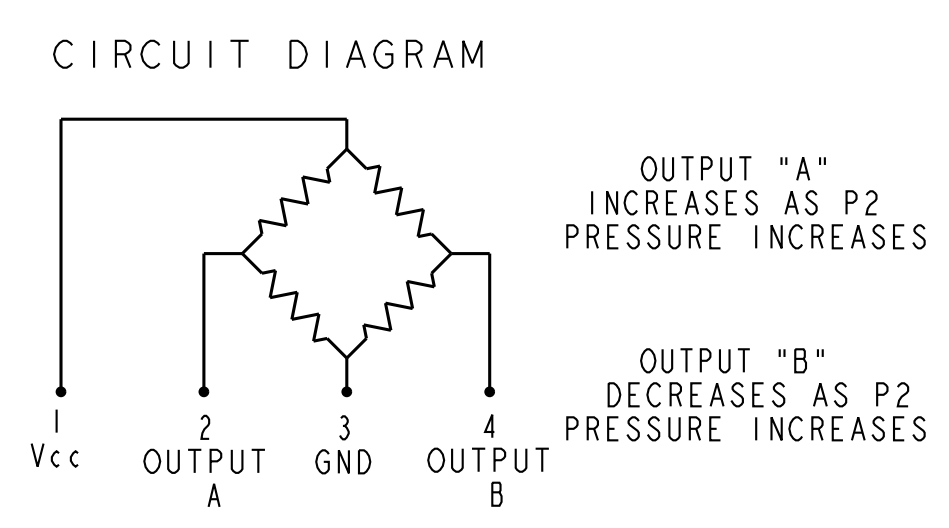
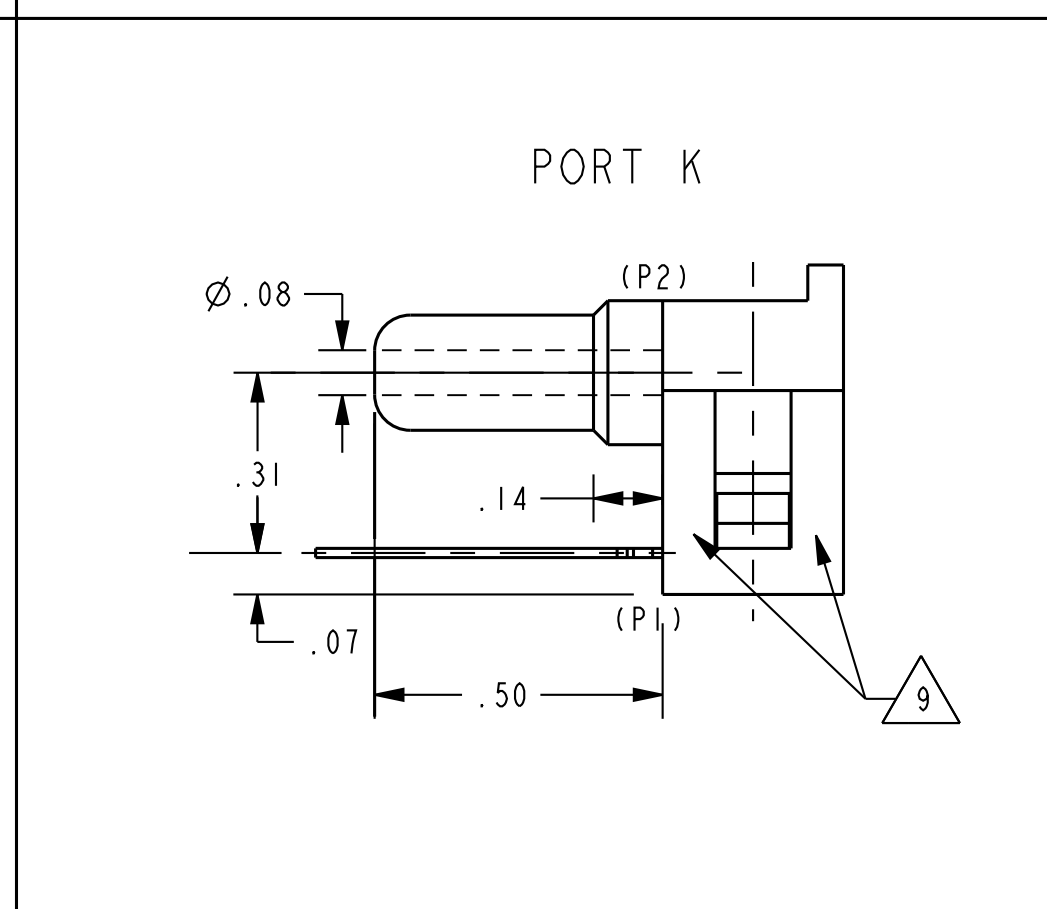


| CATALOG LISTING | BRAND DESIGNATION |
|-----------------|-------------------|
| 24PCFFH6G       | 4FF6G             |
| 24PCEFH6G       | 4EF6G             |
| 24PCCFH6G       | 4CF6G             |
| 24PCEFA6G       | 4EF6G             |
| 24PCFA6G        | 4AF6G             |
| 24PCFA6G        | 4BF6G             |
| 24PCBFA6G       | 4BF6G             |
| 24PCBFD6G       | 4BF6G             |
| 24PCBFH6G       | 4BF6G             |
| 24PCCFA6G       | 4CF6G             |
| 24PCDFA6G       | 4DF6G             |
| 24PCFFA6G       | 4FF6G             |
| 24PCEFD6G       | 4EF6G             |
| 24PCAFD6G       | 4AF6G             |
| 24PCAFB6G       | 4AF6G             |
| 24PCBFB6G       | 4BF6G             |
| 24PCCFB6G       | 4CF6G             |
| 24PCDFB6G       | 4DF6G             |
| 24PCDFC6G       | 4DF6G             |
| 24PCDND6G       | 4DN6G             |
| 24PCFFB6G       | 4FF6G             |
| 24PCFFC6G       | 4FF6G             |
| 24PCFFD6G       | 4FF6G             |
| 24PCFFM6G       | 4FF6G             |
| 24PCFND6G       | 4FN6G             |
| 24PCGFA6G       | 4GF6G             |
| 24PCGFB6G       | 4GF6G             |
| 24PCGFH6G       | 4GF6G             |
| 24PCGFM6G       | 4GF6G             |
| 24PCGND6G       | 4GN6G             |
| 24PCGNH6G       | 4GN6G             |
| 24PCEFJ6G       | 4EF6G             |
| 24PCAND6G       | 4AN6G             |
| 24PCBND6G       | 4BN6G             |
| 24PCDFD6G       | 4DF6G             |
| 24PCAFH6G       | 4AF6G             |
| 24PCEFM6G       | 4EF6G             |
| 24PCCFM6G       | 4CF6G             |
| 24PCAFJ6G       | 4AF6G             |
| 24PCDFH6G       | 4DF6G             |



| GENERAL OPERATING CHARACTERISTICS<br>(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 $\Delta$<br>0° TO 25°C OR 25° TO 50°C   |                       |                                  | ±1.0 |      |       |
| SPAN $\Delta$<br>P2 > P1   | 0 TO .5 G             | 25                               | 35   | 45   | %SPAN |
|  | 0 TO 1 G              | 30                               | 45   | 60   |       |
|  | 0 TO 5 G              | 85                               | 115  | 145  |       |
|  | 0 TO 15 G             | 165                              | 225  | 285  |       |
|  | 0 TO 30 G             | 240                              | 330  | 420  |       |
|  | 0 TO 100 G            | 156                              | 225  | 294  |       |
| SENSITIVITY SHIFT $\Delta$<br>0° TO 25°C OR 25° TO 50°C<br>P2 > P1<br>AT 10 VDC<br>AT 2 mA       | ALL                   |                                  | ±5.0 |      | %SPAN |
|  |                       |                                  |      |      |       |
| LINEARITY P2 > P1<br>(BFSL) P1 > P2  | ALL                   |                                  | .2   | 1.0  |       |
| REPEATABILITY & HYSTERESIS   |                       |                                  | ±.5  |      |       |
| STABILITY OVER 1 YEAR<br>EXCITATION VOLTAGE  | ALL                   |                                  | ±1.5 |      |       |
| INPUT RESISTANCE   |                       | 4.0K                             | 5.0K | 6.0K | OHMS  |
| OUTPUT RESISTANCE  |                       | 4.0K                             | 5.0K | 6.0K | OHMS  |
| (P1 > P2) (P2 > P1)<br>OVERPRESSURE AT 25°C  | 0 TO .5 G             |                                  |      | 20   | PSI   |
|  | 0 TO 1 G              |                                  |      | 20   |       |
|  | 0 TO 5 G              |                                  |      | 20   |       |
|  | 0 TO 15 G             |                                  |      | 45   |       |
|  | 0 TO 30 G             |                                  |      | 60   |       |
|  | 0 TO 100 G            |                                  |      | 200  |       |
| TEMPERATURE<br>STORAGE<br>OPERATE  | ALL                   | -55° TO +100°C (-67°F TO +212°F) |      |      |       |
|  |                       | -40° TO +85°C (-40°F TO +185°F)  |      |      |       |



NOTES

- SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN END POINTS (OUTPUT AT MINIMUM AND MAXIMUM PRESSURE)
- TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25°C AND EXPRESSES THE DEVIATION THAT COULD OCCUR AS TEMPERATURE IS RAISED OR LOWERED TO LIMITS INDICATED
- INPUT MEDIA LIMITED ONLY TO THOSE MATERIALS THAT WILL NOT ATTACK POLYESTER, SILICON, BUNA-N OR FLUROSILICONE
- TERMINALS ARE PLATED FOR SOLDERING
- LIMIT SOLDERING TO 315° FOR 10 SECONDS MAX
- PIN 1 IS IDENTIFIED BY NOTCH IN LEAD
- M5 THREADED PRODUCT: RECOMMENDED TORQUE FOR SEALING: 4 IN-LBS DO NOT EXCEED 6 IN-LBS OF TORQUE
- SIZE .007 O-RING O-RING COUNTERBORE DIMENSIONS:  $\phi$ .300±.003 X  $\nabla$ .040

1/4-28 UNF THREADED PRODUCT: RECOMMENDED TORQUE FOR SEALING: 8 IN-LBS DO NOT EXCEED 12 IN-LBS OF TORQUE

SIZE .009 O-RING O-RING COUNTERBORE DIMENSIONS:  $\phi$ .360±.003 X  $\nabla$ .040±.002

BRAND 5 DIGIT LISTING AND 6 DIGIT DATE CODE (YYYYMM). ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING

| METRIC | INCHES |
|--------|--------|
| 0.41   | .016   |
| 0.51   | .020   |
| 1.02   | .040   |
| 1.3    | .05    |
| 1.8    | .07    |
| 2.0    | .08    |
| 2.3    | .09    |
| 2.5    | .10    |
| 3.6    | .14    |
| 5.1    | .20    |
| 6.4    | .25    |
| 7.9    | .31    |
| 8.9    | .35    |
| 12.7   | .50    |
| 15.3   | .60    |
| 18.8   | .74    |
| 20.4   | .80    |
| 21.6   | .85    |
| 21.8   | .86    |
| 22.1   | .87    |
| 23.9   | .94    |

THIRD ANGLE PROJECTION

SCALE 3 : 1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE (.0) +.030

TWO PLACE (.00) +.015

THREE PLACE (.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.

FED. MFG. CODE 91929

MICRO SWITCH a Honeywell Division

BRIDGE PRESSURE SENSOR

24PC SERIES CHART 5

CATALOG LISTING

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9