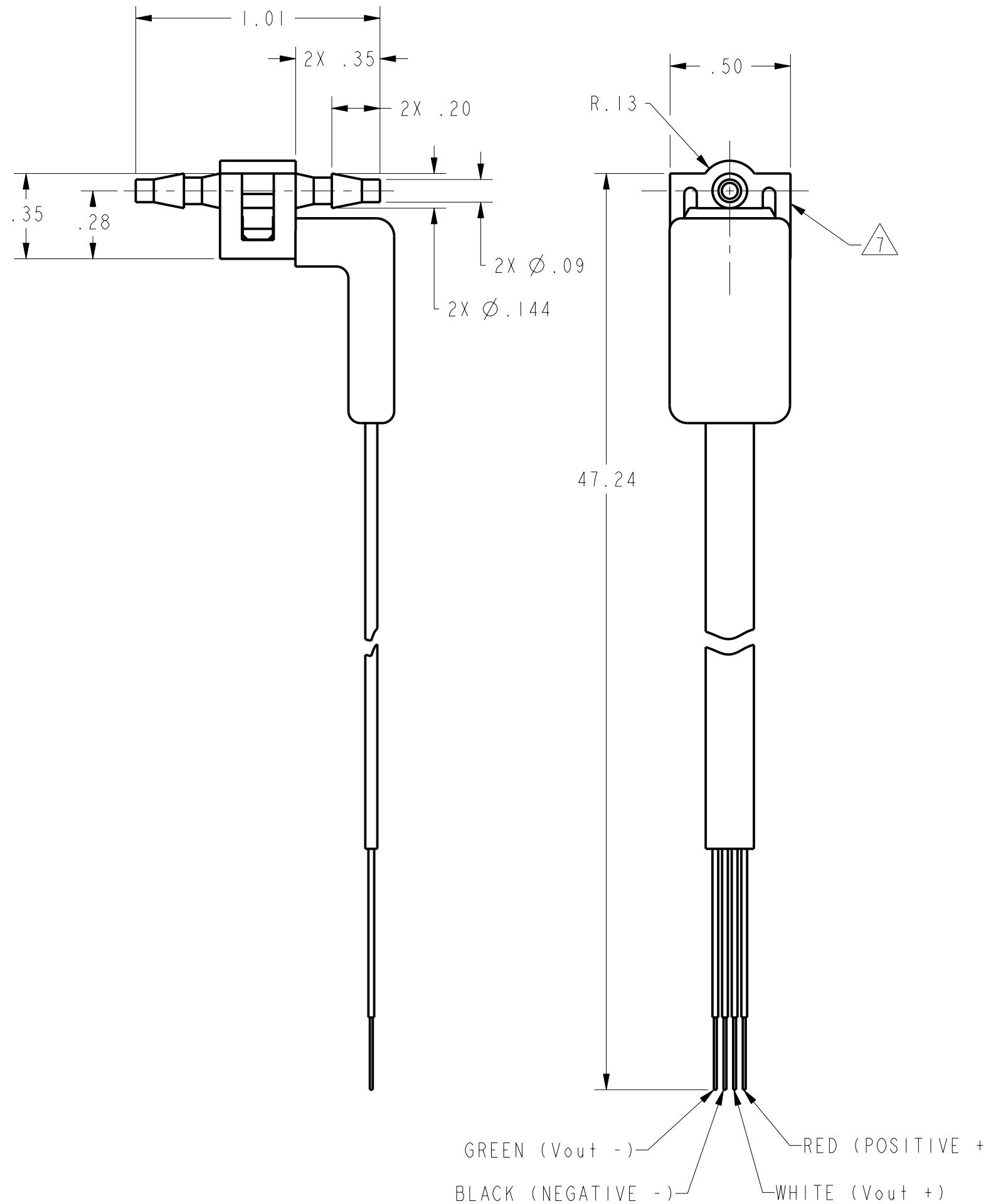


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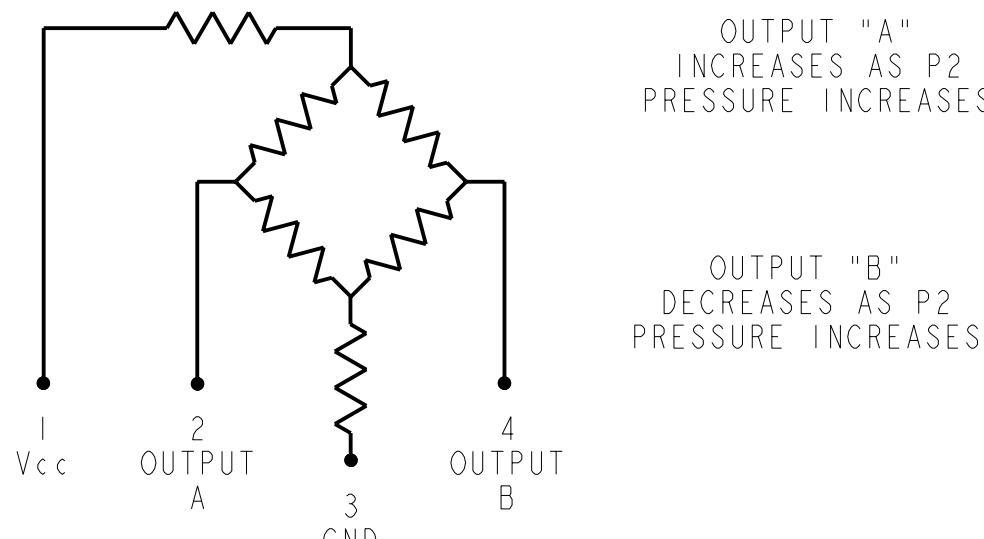
26PCBFG5G38



GENERAL OPERATING CHARACTERISTICS (ELECTRICAL PERFORMANCE AT 10.00 ± 0.01 VDC EXCITATION, 25°C)				
PRESSURE RANGE (PSI)	0-5			
	MIN	NOM	MAX	UNITS
SPAN (P2>P1)	47	50	53	mV
NULL OFFSET	-1.5	0	+1.5	mV
LINEARITY (BFSL, P2>P1)	.4	.5	.5	%SPAN
NULL SHIFT (0 TO 25°C , 25 TO 50°C)	$\pm .5$	± 1.0	± 1.0	mV
SPAN SHIFT (0 TO 25°C , 25 TO 50°C) P2>P1	± 1.0	± 1.5	± 1.5	%SPAN
REPEATABILITY AND HYSTERESIS	.2		.2	%SPAN
OVERPRESSURE (P2>P1; P1>P2)	20		20	PSI
ALL PRESSURE RANGE	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 $+100^\circ\text{C}$ (-67°F TO $+212^\circ\text{F}$)			
OPERATE	-40°C TO $+85^\circ\text{C}$ (-40°F TO $+185^\circ\text{F}$)			
COMPENSATED	0 TO $+50^\circ\text{C}$ ($+32^\circ\text{F}$ TO $+122^\circ\text{F}$)			

TERMINATION (5)

CIRCUIT DIAGRAM



NOTES

1 - SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MINIMUM 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 - PIN 1 IS IDENTIFIED BY RED WIRE

5 - SENSOR IS OPERATIONAL OVER VACUUM PRESSURE RANGE

6 - RATIO METRIC TO SUPPLY VOLTAGE

7 - CATALOG LISTING AND DATE CODE HERE. CATALOG LISTING BRAND IS 6BF5G38. ALTERNATE FORMAT OF CATALOG LISTING BRAND IS THE ENTIRE CATALOG LISTING

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BRIDGE PRESSURE SENSOR

26PCBFG5G38

THIRD ANGLE PROJECTION	
SCALE	2 : 1
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED	
TOLERANCES ARE	
ONE PLACE	(.0) $\pm .030$
TWO PLACES	(.00) $\pm .015$
THREE PLACES	(.000) $\pm .005$
ANGLES	\pm
WEIGHT	

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