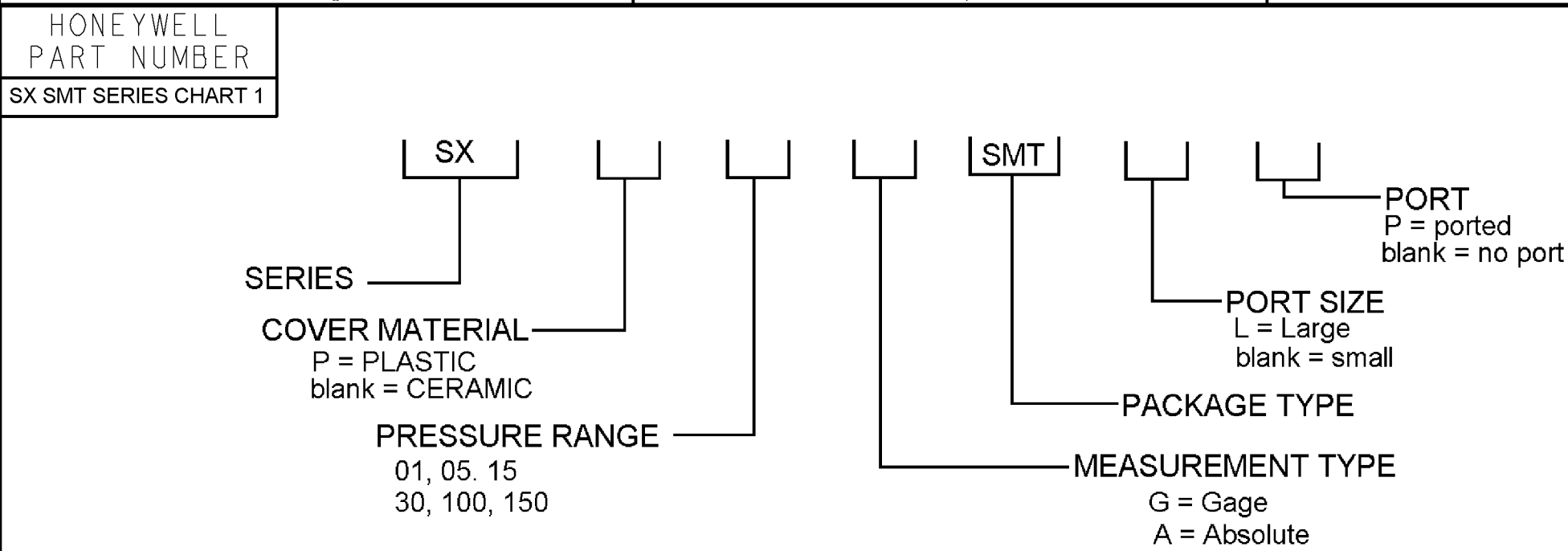
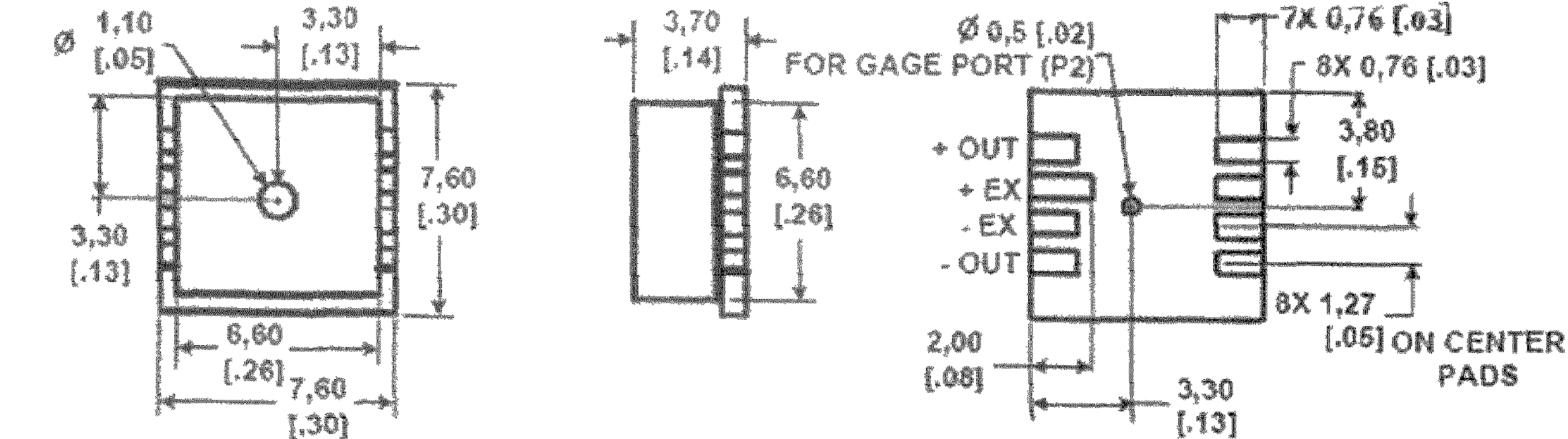


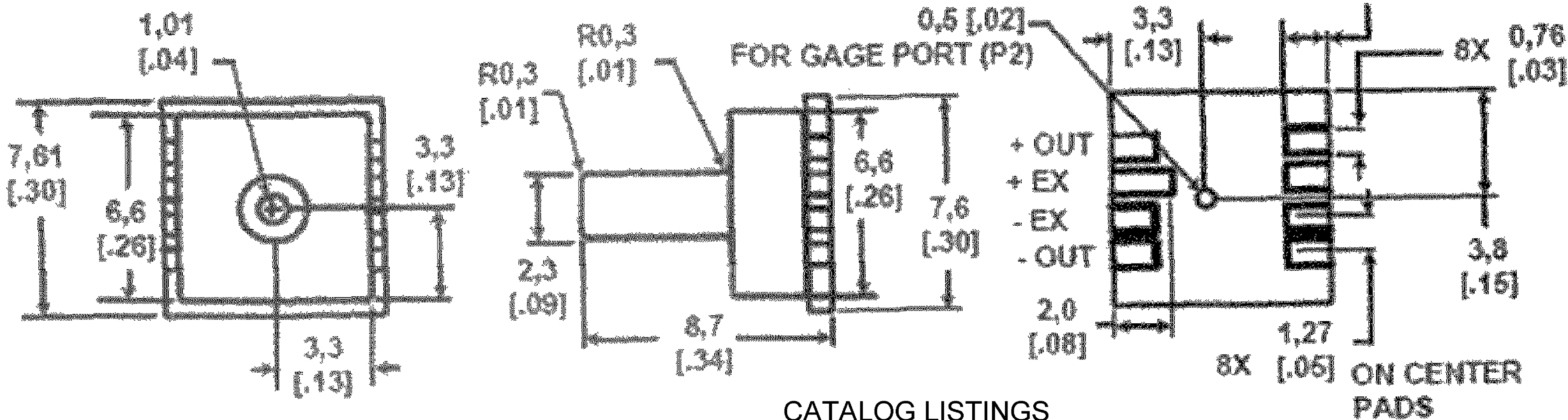


Performance Specifications					
Characteristics	Pressure Range (psi)	MIN	TYP	MAX	UNITS
Zero Pressure Offset	ALL	-35	-20	0	mV
Sensitivity	01		3.90		mV/psi
	05		2.70		
	15		1.50		
	30		0.86		
	60		0.50		
	100		0.30		
	150		0.14		
Temperature Coefficient of Span	ALL		-2150		ppm/degC
Temperature Coefficient of Offset	ALL		4		uV/V/degC
Combined Linearity and Hysteresis	ALL		0.2		%FS
Long Term Stability	ALL		0.1		mV
Response Time (10% to 90%)	ALL		100		us
Input Resistance	ALL		4.1		kohms
Temperature Coefficient of Resistance	ALL		750		ppm/degC
Output Impedance	ALL		4.1		kohms
Repeatability	ALL		0.5		%FSS
Overpressure	01, 05		20		psi
	15		30		
	30		60		
	60		90		
	100		150		
	150		200		

Specifications	
Characteristics	Maximum Ratings
Supply voltage	12 Vdc
Operating Temperature	-40C to +125C
Storage Temperature	-55C to +125C
Lead Temperature (Soldering 2s to 4s)	250C



PORTED "P" SMT

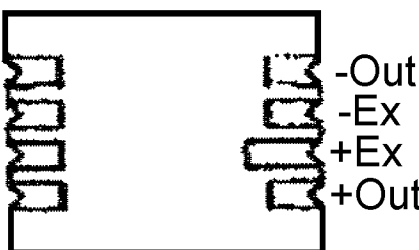
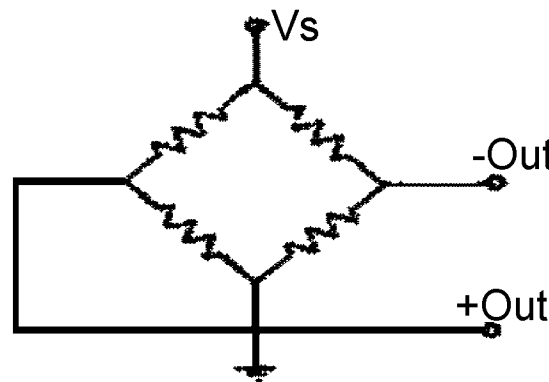


CATALOG LISTINGS

SX01GSMT	SX100ASMT
SX01GSMTTP	SX100GSMT
SXP01GSMTTP	SX100GSMTTP
	SXP100ASMT
SXP05GSMTTP	SXP100GSMTTP
SX15ASMT	SX150ASMT
SX15ASMTTP	SX150GSMT
SX15GSMT	SXP150ASMT
SXP15ASMTTP	SXP150ASMTTP
SXP15GSMTTP	SXP150GSMT

SX30ASMT
SX30GSMT
SXP30ASMTTP

EQUIVALENT CIRCUITS



- NOTES:
- REFERENCE CONDITIONS: SUPPLY VOLTAGE, VS= 5.0 Vdc, TEMP = 0degC TO 70degC
 - IF MAXIMUM PRESSURE IS EXCEEDED, EVEN MOMENTARILY, THE PACKAGE MAY LEAK OR BURST, OR THE PRESSURE SENSING DIE MAY FRACTURE.
 - SENSITIVITY IS THE RATIO OF THE OUTPUT SIGNAL VOLTAGE CHANGE TO INPUT PRESSURE CHANGE. THE SENSITIVITY IS CHARACTERIZED BY DESIGN AND PERIODIC PRODUCTION TESTING. THIS PARAMETER IS NOT 100% TESTED IN PRODUCTION.
 - TEMPERATURE COEFFICIENT IS DEFINED AS BEST FIT STRAIGHT LINE FIT FOR OPERATION BETWEEN 0degC TO 70degC.
 - TEMPERATURE COEFFICIENT IS NOT 100% TECTED. IT IS DEFINED BY PROCESS DESIGN.
 - SLOPE OF BEST FIT STRAIGHT LINE FIT FOR OPERATION BETWEEN 0degC TO 70degC.
 - LONG TERM STABILITY OVER A ONE YEAR PERIOD.
 - RESPONSE TIME FOR 0 psi TO FULL SCALE SPAN PRESSURE STEP CHANGE.

DESIGN UNITS: MM TOLERANCES UNLESS NOTED:		DRAWN	SK	19OCT06	Honeywell		
		CHECK	CMH	19OCT06			
NO PLACE .X ± 1,000 ONE PLACE .X ± 0,4 TWO PLACE .XX ± 0,15 THREE PLACE .XXX ± 0,005 FOUR PLACE .XXXX ± 0,0050 ANGLES X ± 3		THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.			TITLE PRESSURE SENSOR		
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY.			SIZE D	TYPE I	DRAWING NAME SX SMT SERIES CHART 1
		RASTER			SCALE NONE	SHEET 1 OF 1	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Honeywell:

[SXP100GSMTP](#) [SXP15ASMT](#) [SXP30ASMT](#) [SXP01GSMTP](#) [SXP150ASMT](#)