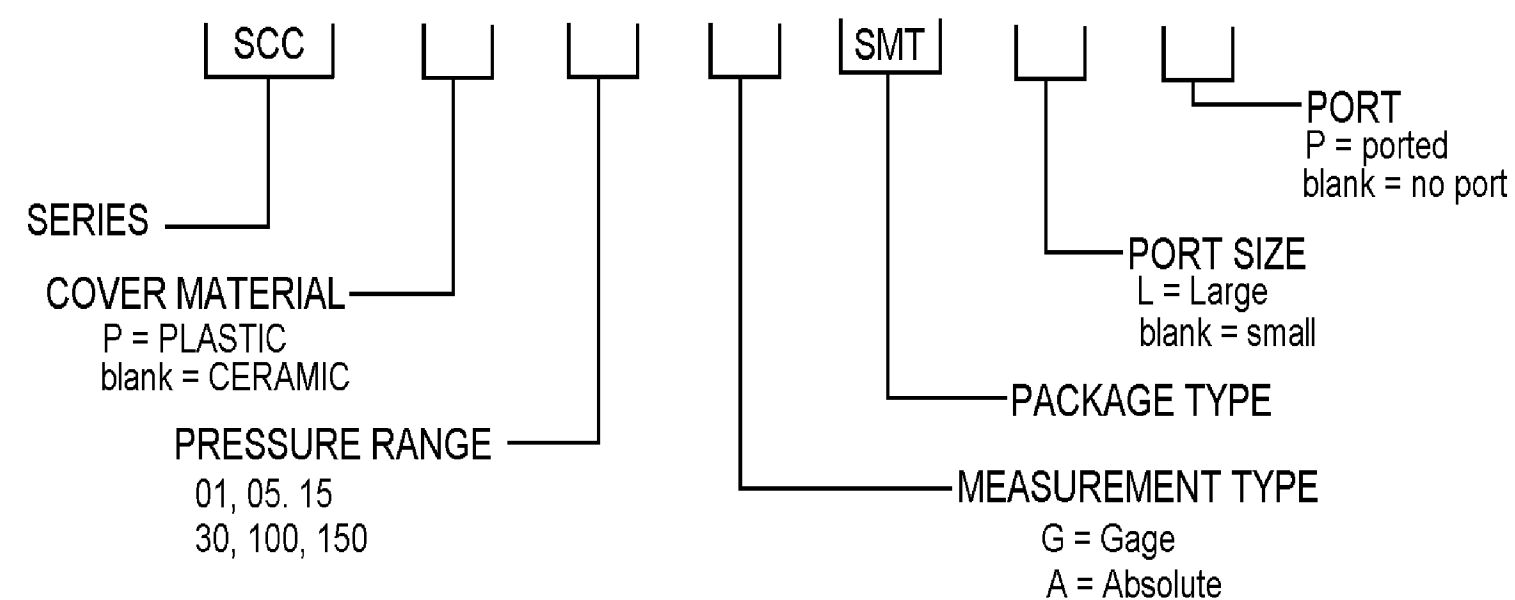
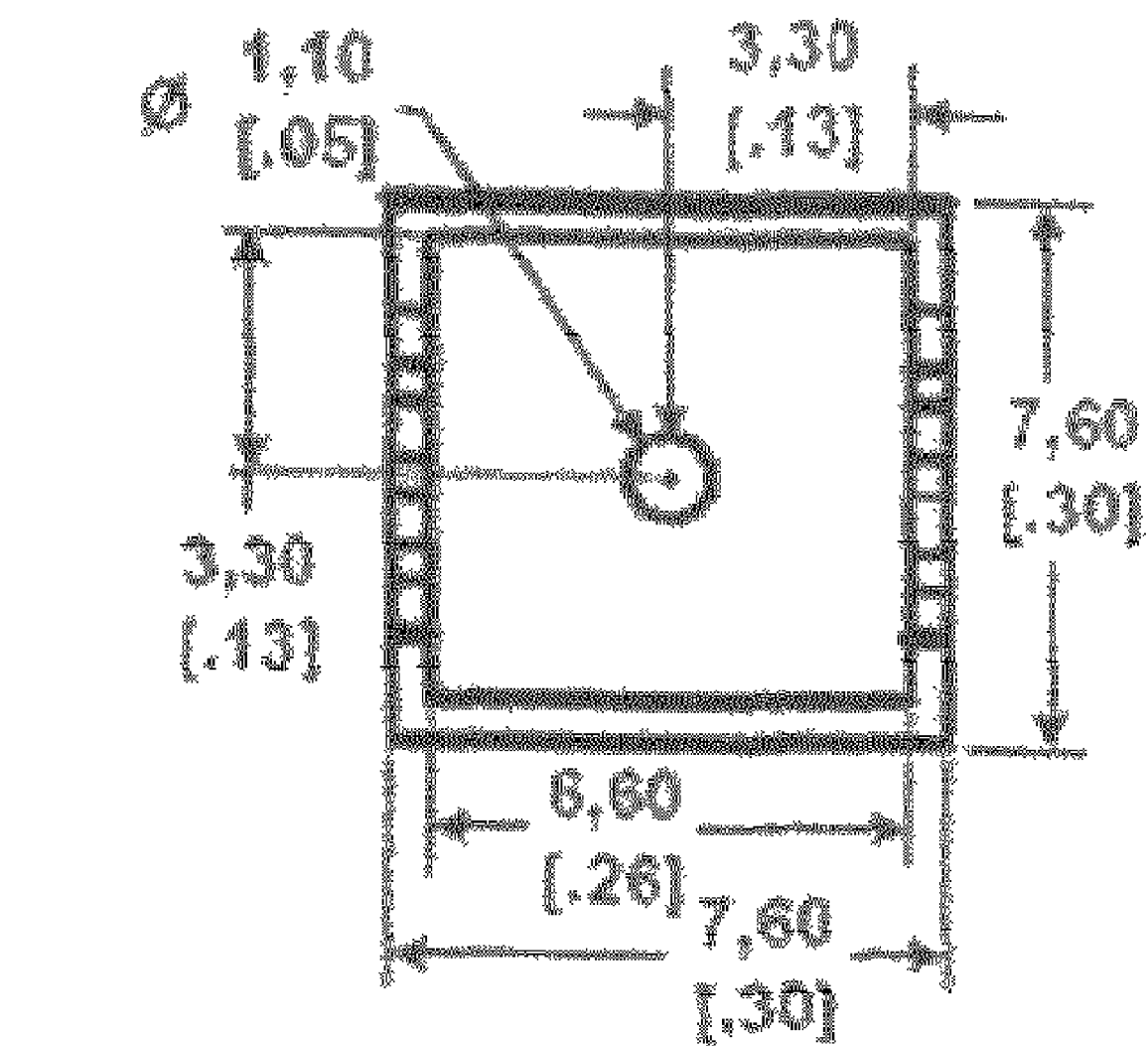


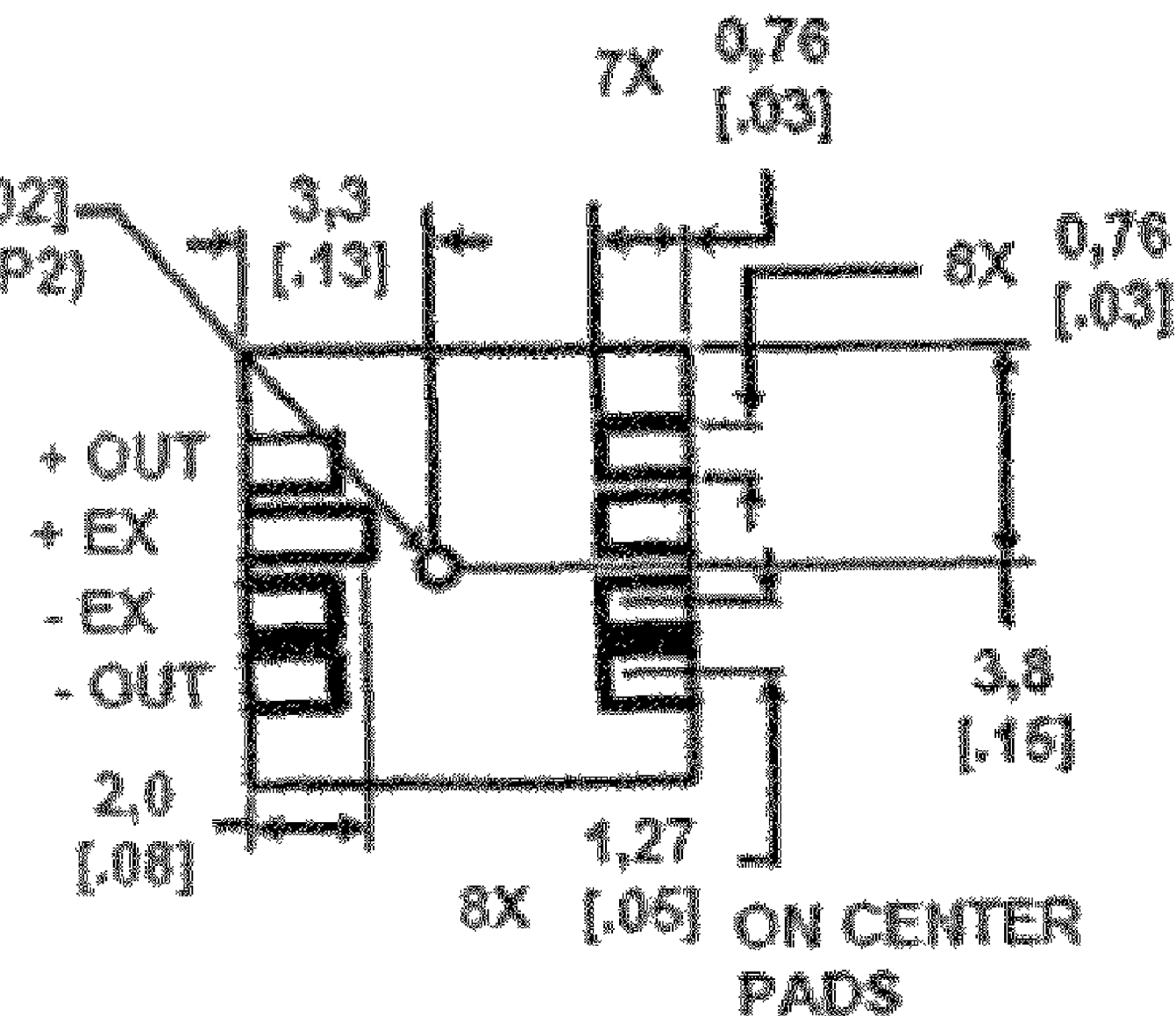
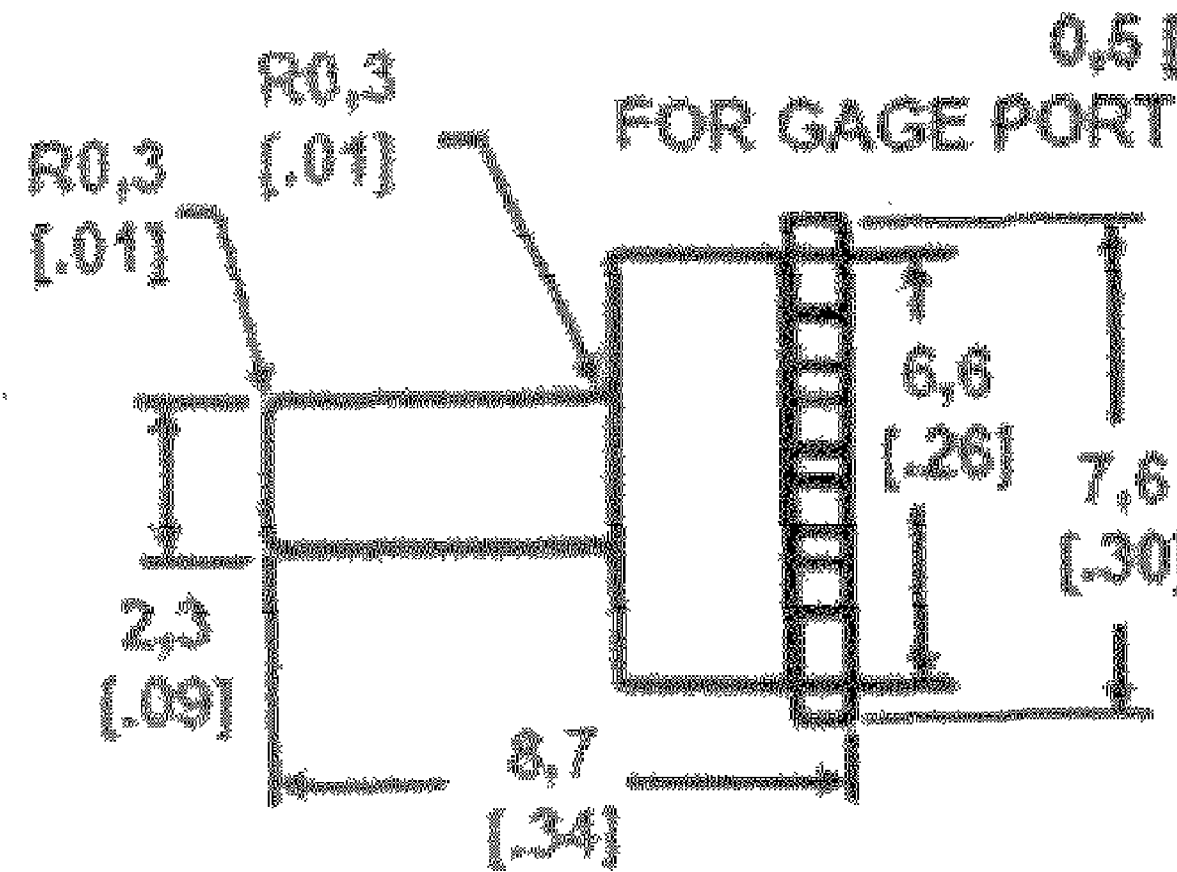
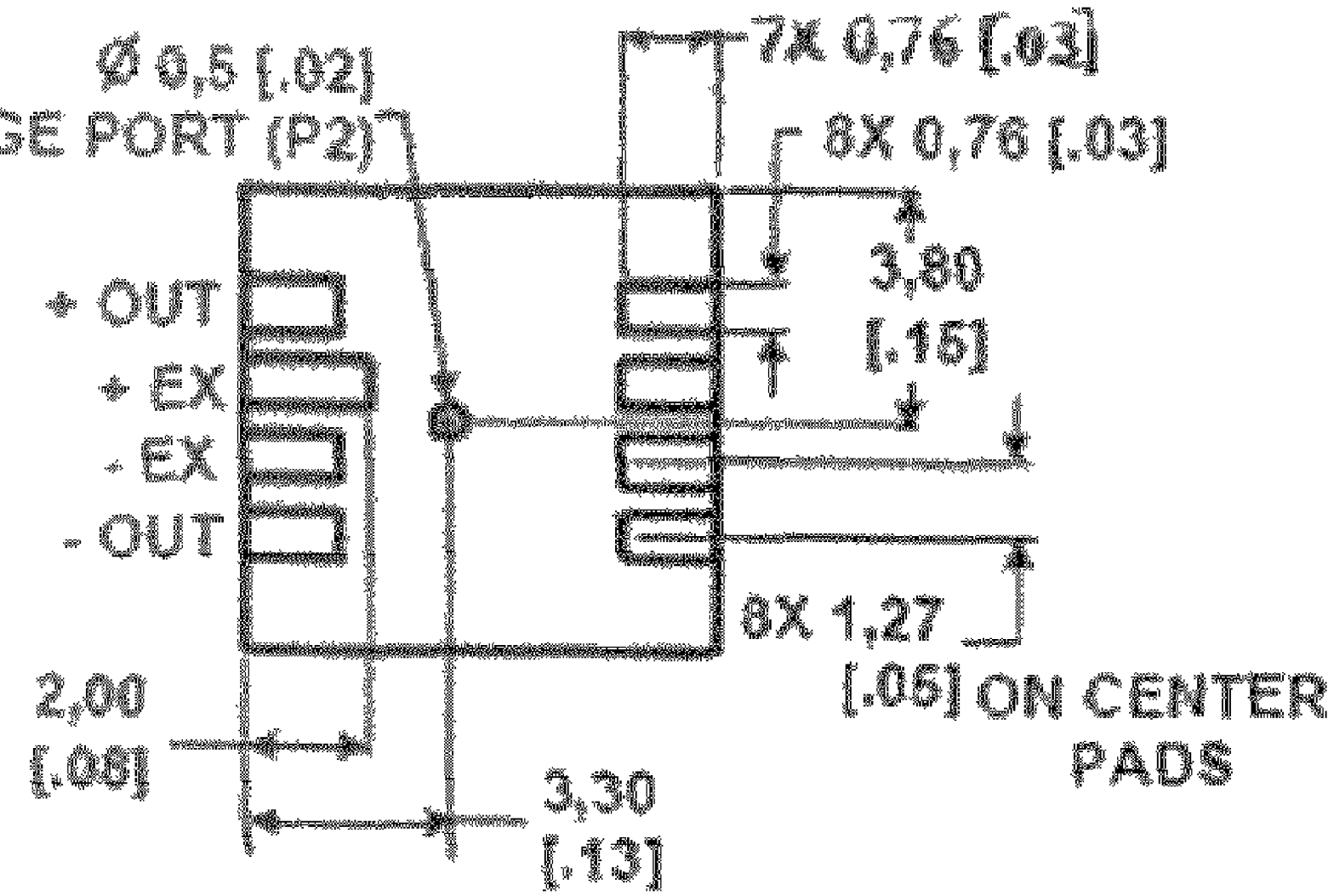
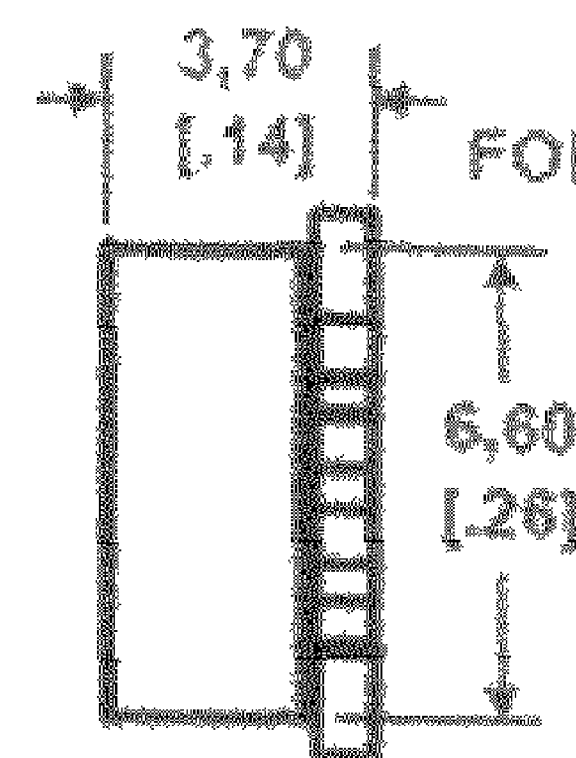
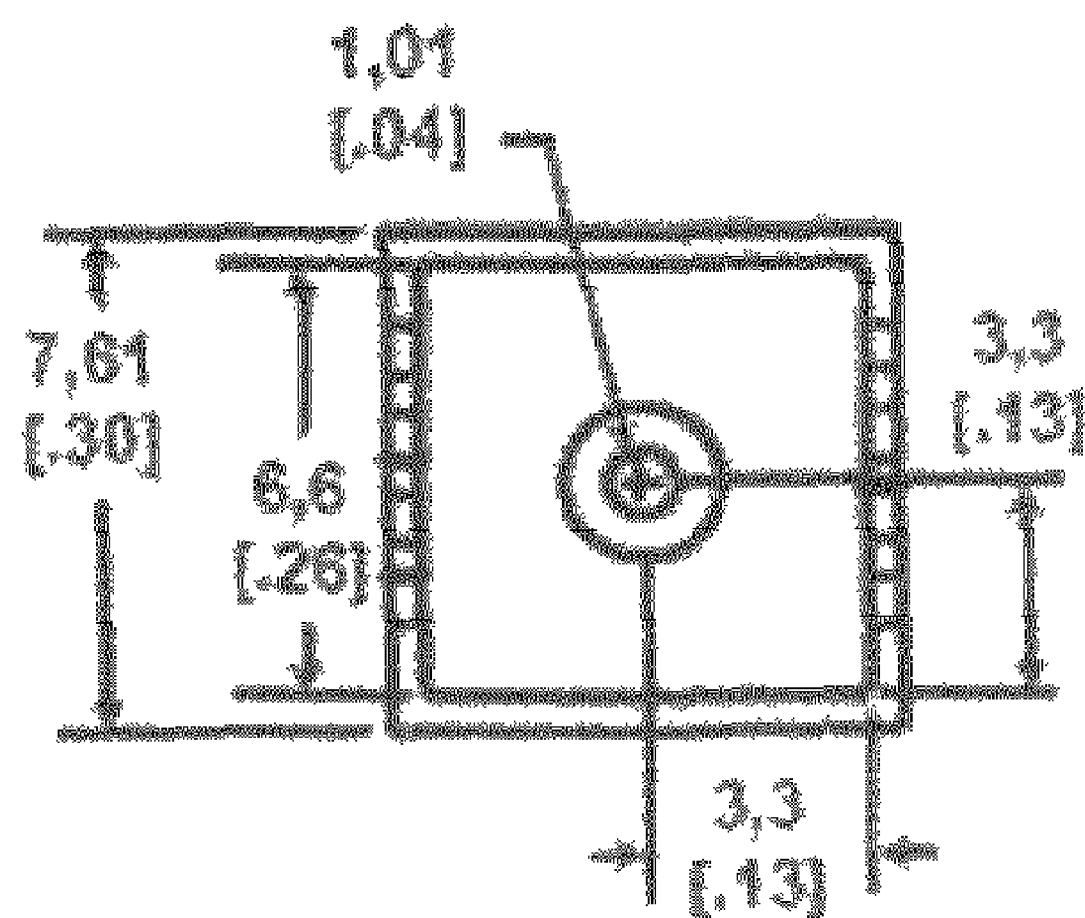


Performance Specifications					
Characteristics	Pressure Range (psi)	MIN	TYP	MAX	UNITS
Zero Pressure Offset	ALL	-30	-10	20	mV
Sensitivity	05		7.50		mV/psi
	15		4.30		
	30		2.90		
	100		1.30		
Temperature Coefficient of Span	ALL		0.25		%FSS
Temperature Coefficient of Offset	ALL		0.5		%FSS
Linearity, Hysteresis, Repeatability	ALL		0.2		%FSS
Long Term Stability	ALL		0.1		%FSS
Response Time (10% to 90%)	ALL		100		us
Input Resistance	ALL		5		kohms
Output Impedance	ALL		5		kohms
Overpressure	5		20		psi
	15		30		
	30		60		
	100		150		

Specifications	
Characteristics	Maximum Ratings
Supply current	15mA
Operating Temperature	-40°C to +125°C
Storage Temperature	-55°C to +125°C
Lead Temperature (Soldering 2s to 4s)	250°C



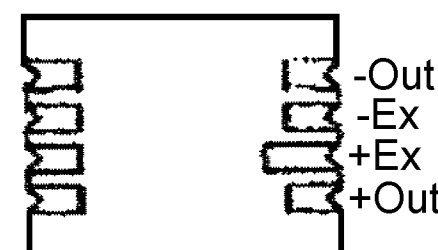
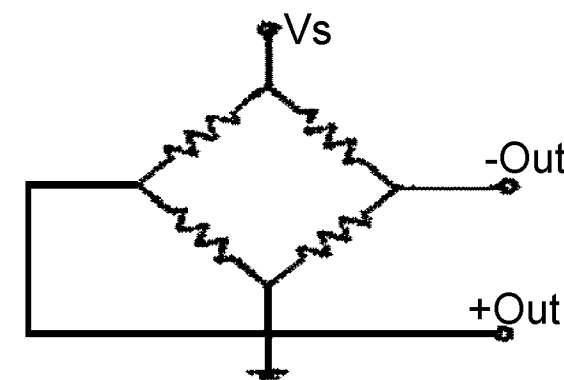
PORTED "P" SMT



NOTES:

- 1) REFERENCE CONDITIONS: SUPPLY CURRENT, $I_S = 1.0 \text{ mA}$, TEMP = 0°C TO 50°C
- 2) IF MAXIMUM PRESSURE IS EXCEEDED, EVEN MOMENTARILY, THE PACKAGE MAY LEAK OR BURST, OR THE PRESSURE SENSING DIE MAY FRACTURE.
- 3) 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.
- 4) TEMPERATURE COEFFICIENT IS DEFINED AS BEST FIT STRAIGHT LINE FIT FOR OPERATION BETWEEN 0°C TO 70°C .
- 5) TEMPERATURE COEFFICIENT IS NOT 100% TESTED. IT IS DEFINED BY PROCESS DESIGN.
- 6) SLOPE OF BEST FIT STRAIGHT LINE FIT FOR OPERATION BETWEEN 0°C TO 70°C .
- 7) LONG TERM STABILITY OVER A ONE YEAR PERIOD.
- 8) RESPONSE TIME FOR 0 psi TO FULL SCALE SPAN PRESSURE STEP CHANGE.

EQUIVALENT CIRCUITS



CATALOG LISTINGS

SCC05GSM T
SCC05GSM TP
SCC15ASMT
SCC15ASMT P
SCC15GSM T
SCC15GSM TP
SCC30ASMT
SCC30ASMT P
SCC100ASMT
SCCP05GSM T
SCCP05GSM TP
SCCP15ASMT P
SCCP15ASMT P
SCCP15GSM TP
SCCP30ASMT P
SCCP30GSM TP
SCCP100ASMT
SCCP100GSM T
SCCP100GSM TP

DESIGN UNITS: MM[INCH]			DRAWN		SK		19OCT06		Honeywell									
TOLERANCES UNLESS NOTED:			CHECK		CMH		19OCT06											
NO PLACE X ± 1,000			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							
ONE PLACE .XX ± 0,4																		
TWO PLACE .X ± 0,15																		
THREE PLACE .XXX ± 0,005																		
FOUR PLACE .XXXX ± 0,0050																		
ANGLES X ± 3			INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY						SIZE		TYPE		DRAWING NAME				REV	
THIRD ANGLE PROJECTION			RASTER						D		I		SCC SMT SERIES CHART 1				D	
									SCALE		-						SHEET 1 OF 1	

Mouser Electronics

Authorized Distributor

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

[Honeywell:](#)

[SCCP05GSMT](#) [SCCP100GSMT](#) [SCCP15ASMT](#) [SCCP15GSMT](#) [SCCP30ASMT](#) [SCCP30GSMT](#)