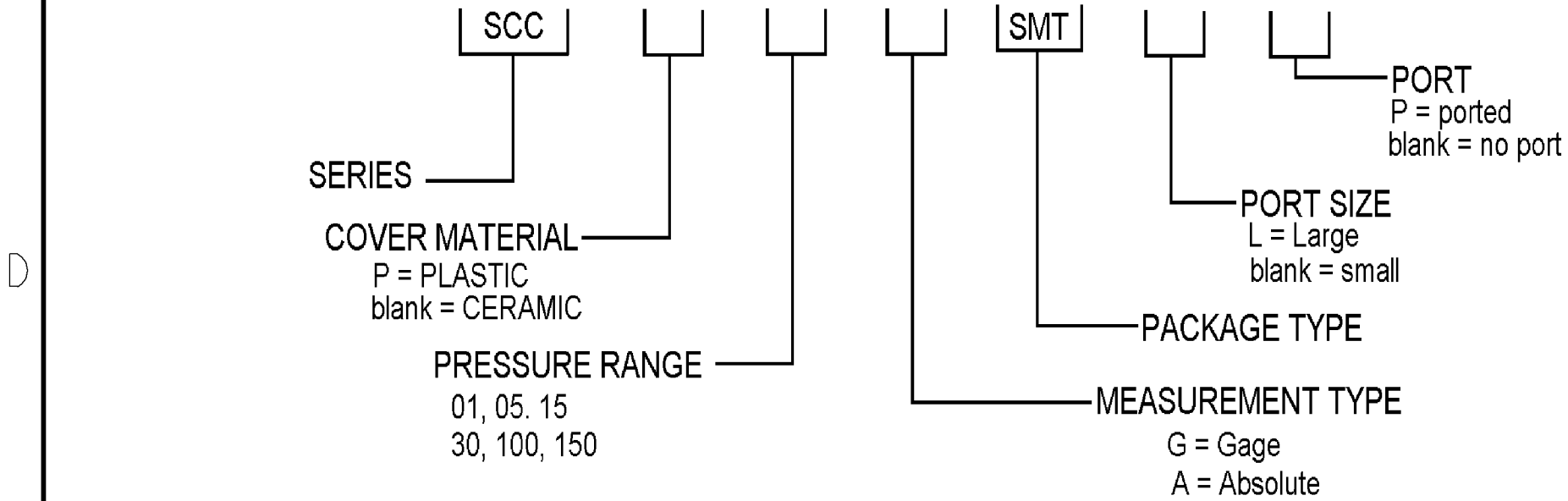
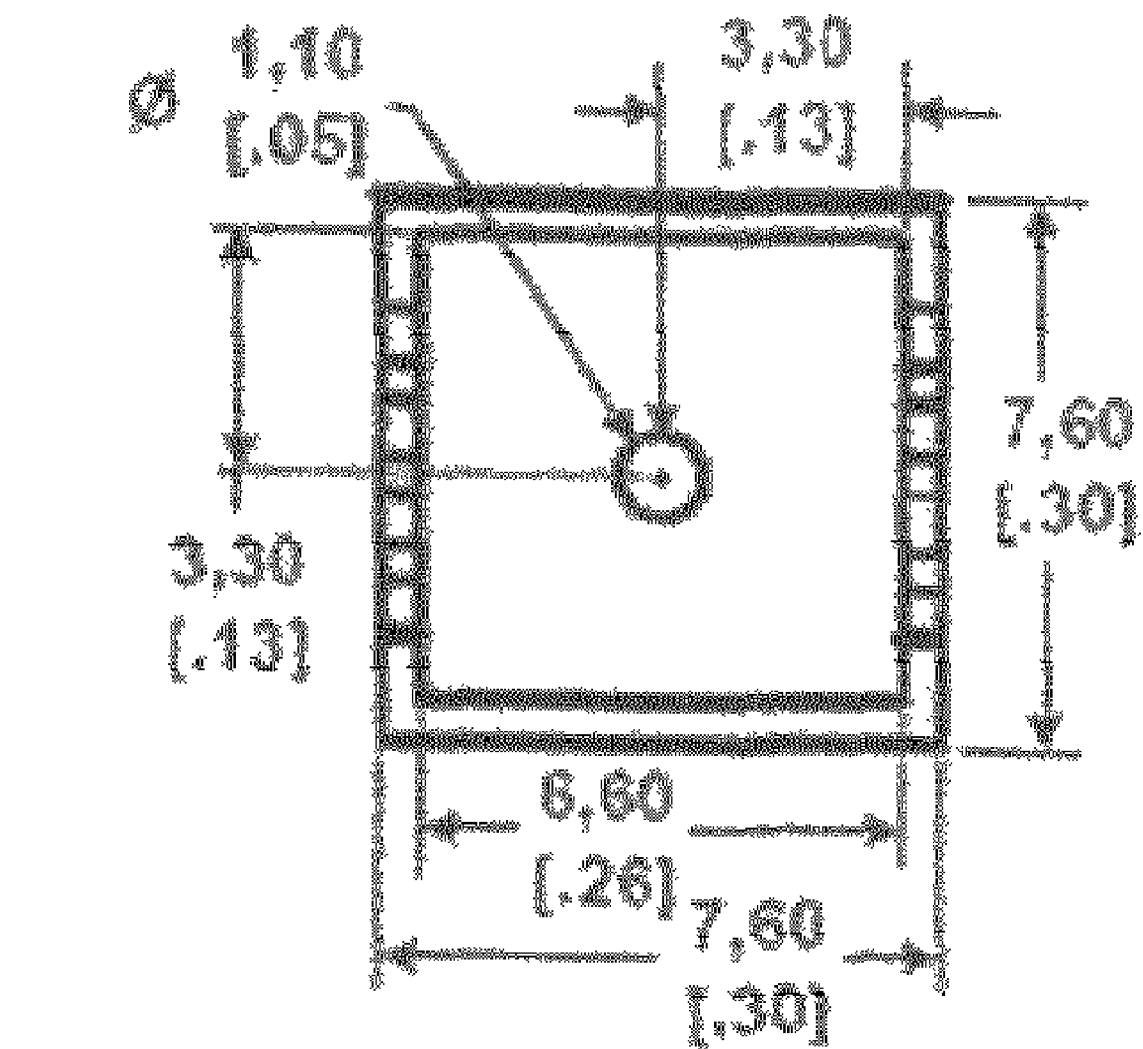


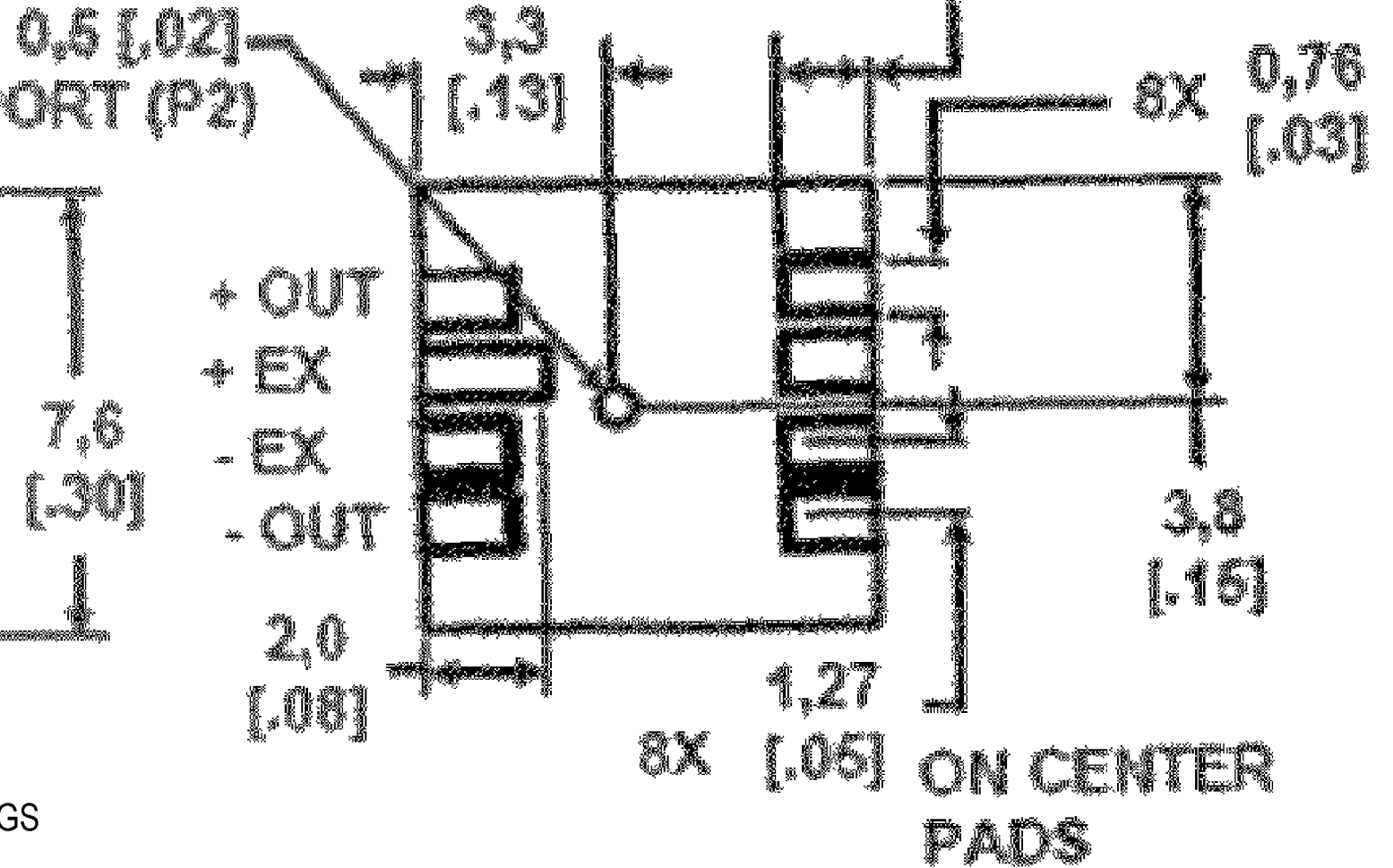
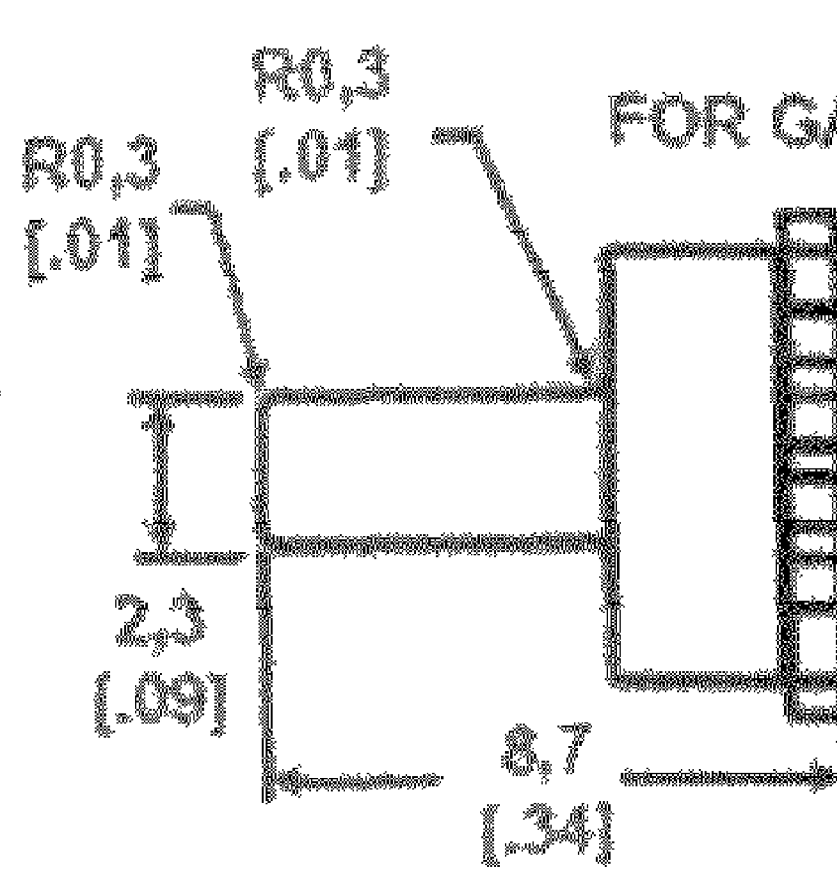
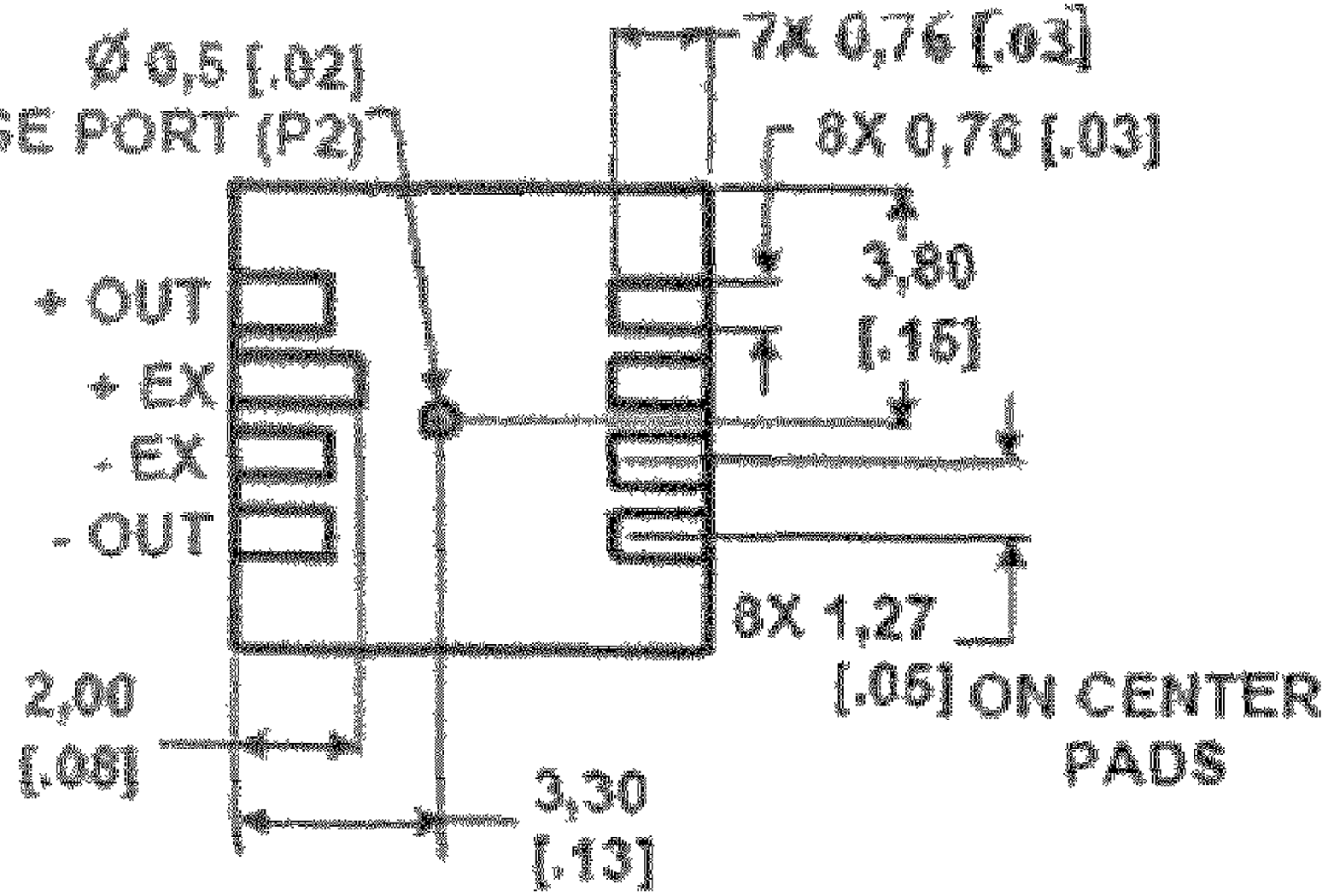
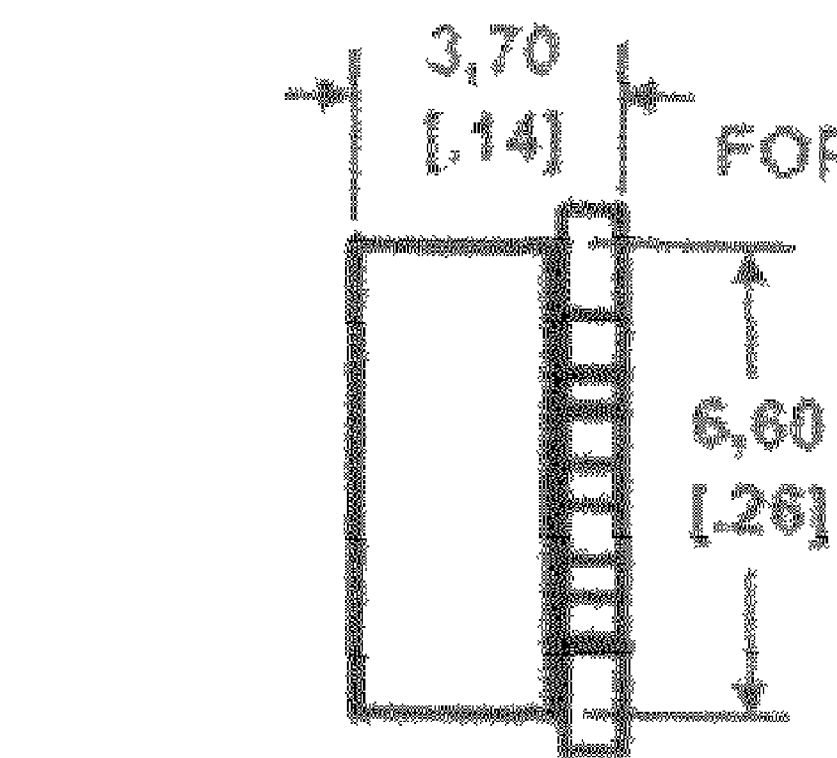
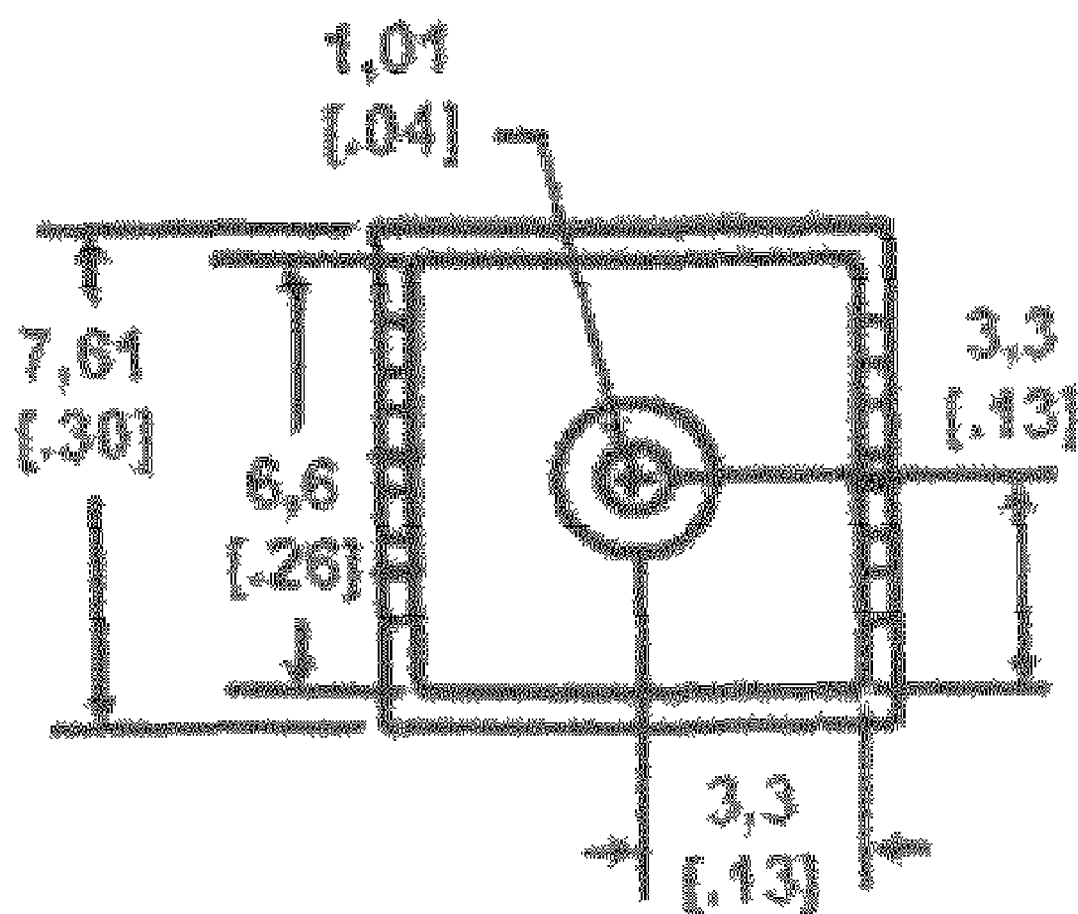


Performance Specifications					
Characteristics	Pressure Range (psi)	MIN	TYP	MAX	UNITS
Zero Pressure Offset	ALL	-30	-10	20	mV
Sensitivity	05		7.50		mV/psi
	15		4.30		
	30		2.90		
	100		1.30		
Temperature Coefficient of Span	ALL		0.25		%FSS
Temperature Coefficient of Offset	ALL		0.5		%FSS
Linearity, Hysteresis, 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	1.5mA
Operating Temperature	-40C to +125C
Storage Temperature	-55C to +125C
Lead Temperature (Soldering 2s to 4s)	250C



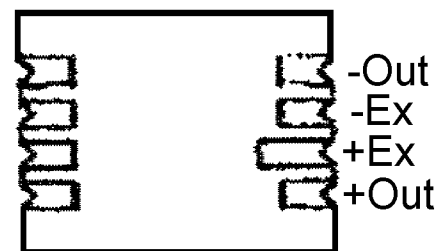
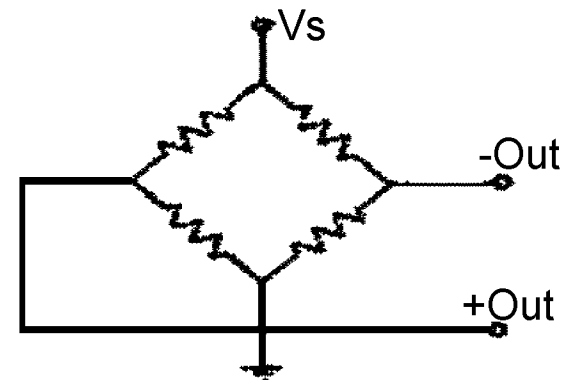
PORTED "P" SMT



CATALOG LISTINGS

SCC05GSMT
SCC05GSMT
SCC15ASMT
SCC15ASMT
SCC15GSMT
SCC15GSMT
SCC30ASMT
SCC30ASMT
SCC100ASMT
SCCP05GSMT
SCCP05GSMT
SCCP05GSMT
SCCP15ASMT
SCCP15ASMT
SCCP15GSMT
SCCP30ASMT
SCCP30GSMT
SCCP100ASMT
SCCP100GSMT
SCCP100GSMT

EQUIVALENT CIRCUITS



- NOTES:
- 1) REFERENCE CONDITIONS: SUPPLY CURRENT, IS = 1.0 mA, TEMP = 0degC TO 50degC
 - 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 0degC TO 70degC.
 - 5) TEMPERATURE COEFFICIENT IS NOT 100% TECTED. IT IS DEFINED BY PROCESS DESIGN.
 - 6) SLOPE OF BEST FIT STRAIGHT LINE FIT FOR OPERATION BETWEEN 0degC TO 70degC.
 - 7) LONG TERM STABILITY OVER A ONE YEAR PERIOD.
 - 8) RESPONSE TIME FOR 0 psi TO FULL SCALE SPAN PRESSURE STEP CHANGE.

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.						TITLEPRESSURE SENSOR							
ONE PLACE .X ± 0,4																
TWO PLACE .XX ± 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	