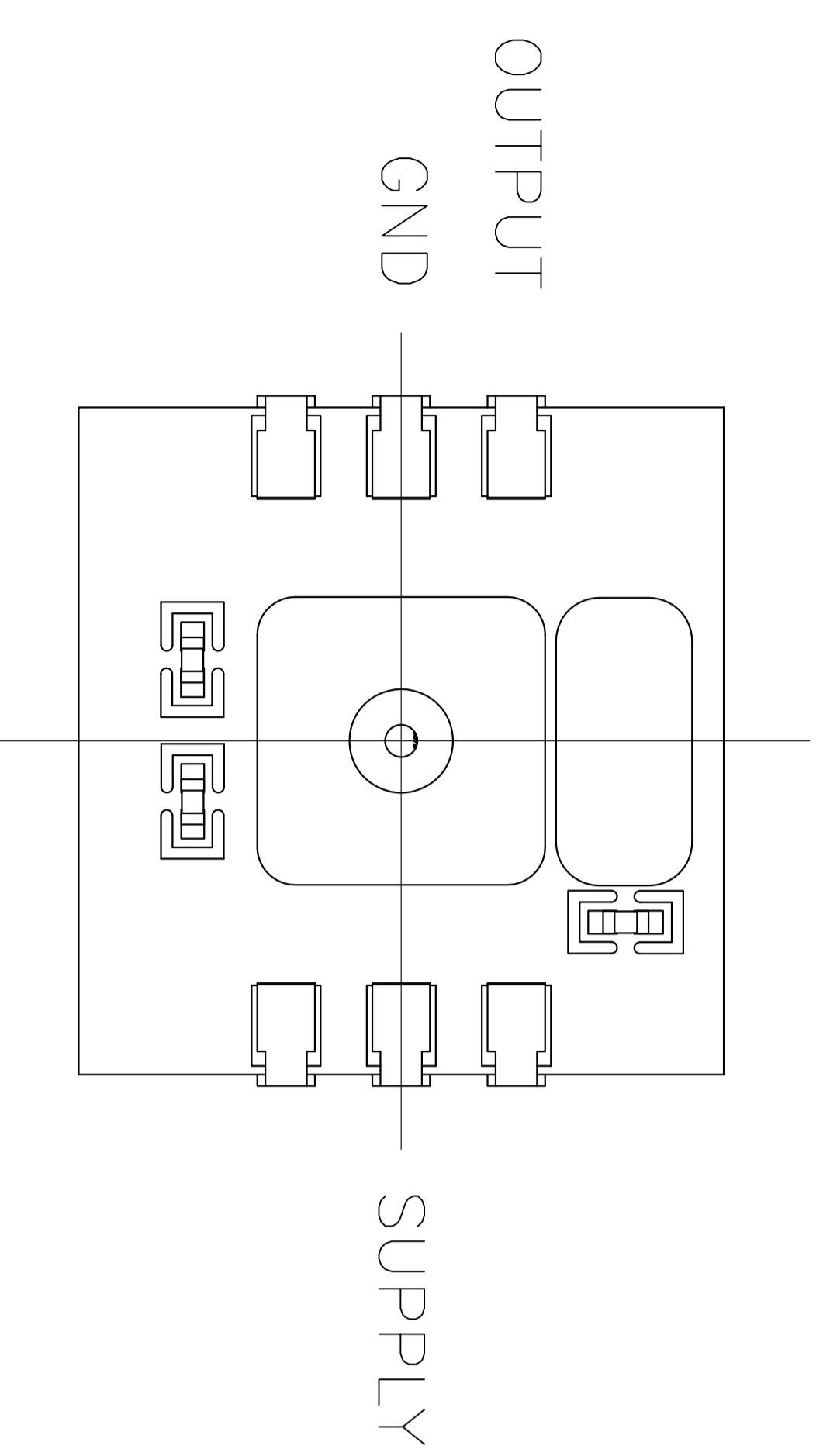
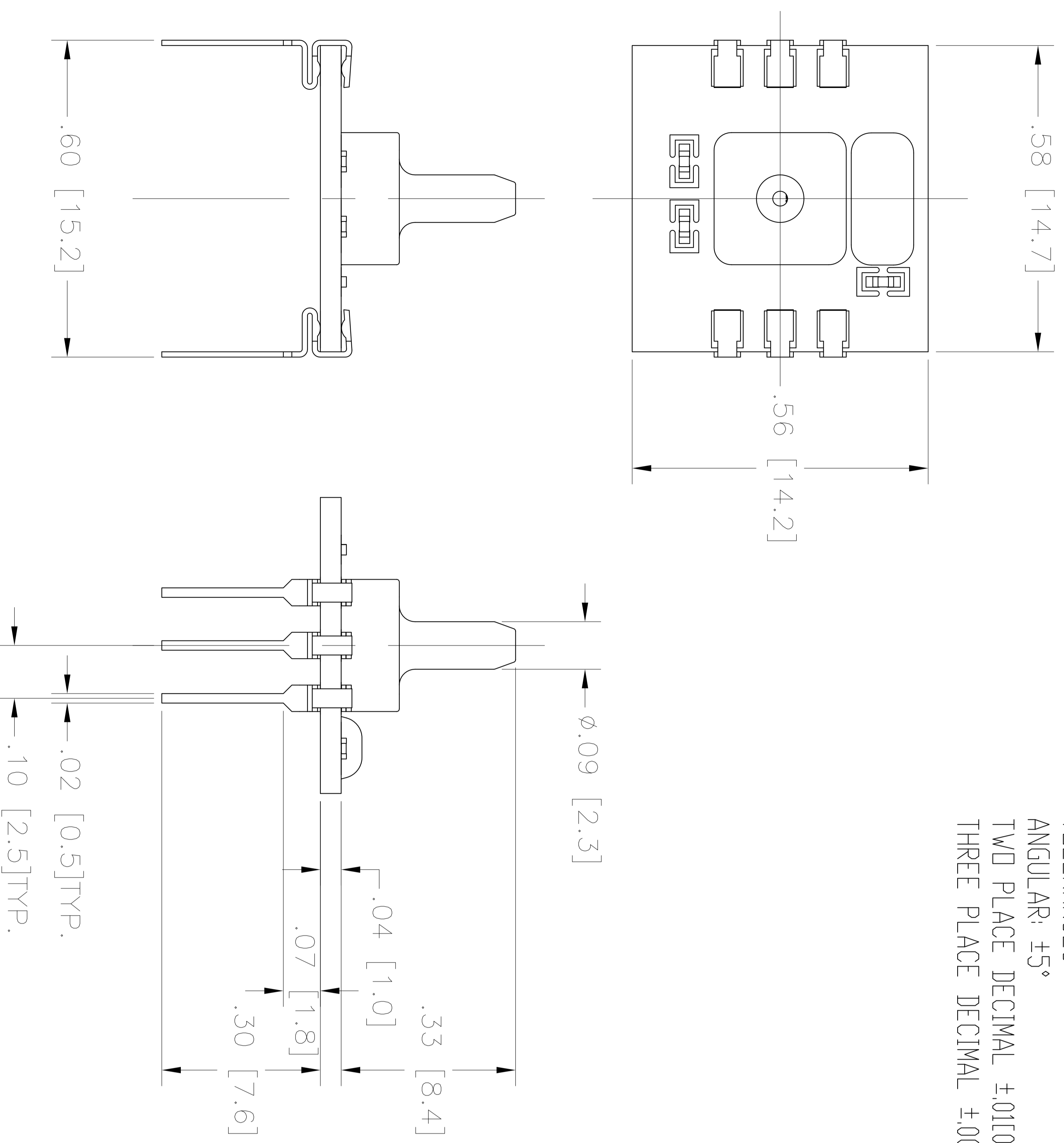


# Model SA1551-PSZ-XXXXYP

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DIMENSIONS ARE IN INCHES [mm]  
TOLERANCES:  
ANGULAR: ±5°  
TWO PLACE DECIMAL ±.01[0.25]  
THREE PLACE DECIMAL ±.003[0.08]



Model SA1551-PSZ-XXXXA/GP

SUPPLY VOLTAGE:5.0V  
AMBIENT TEMPERATURE:25°C(UNLESS OTHERWISE SPECIFIED)

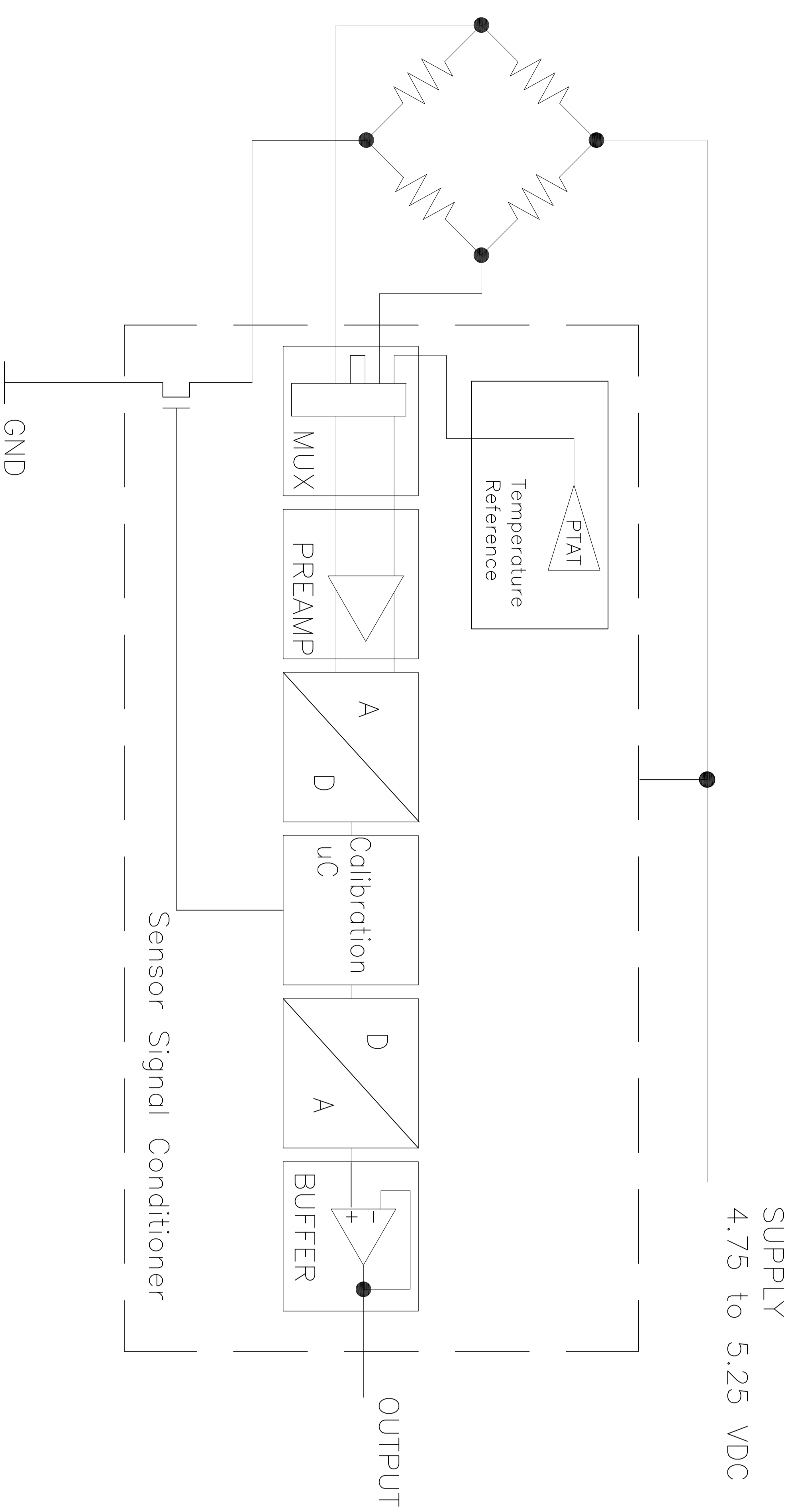
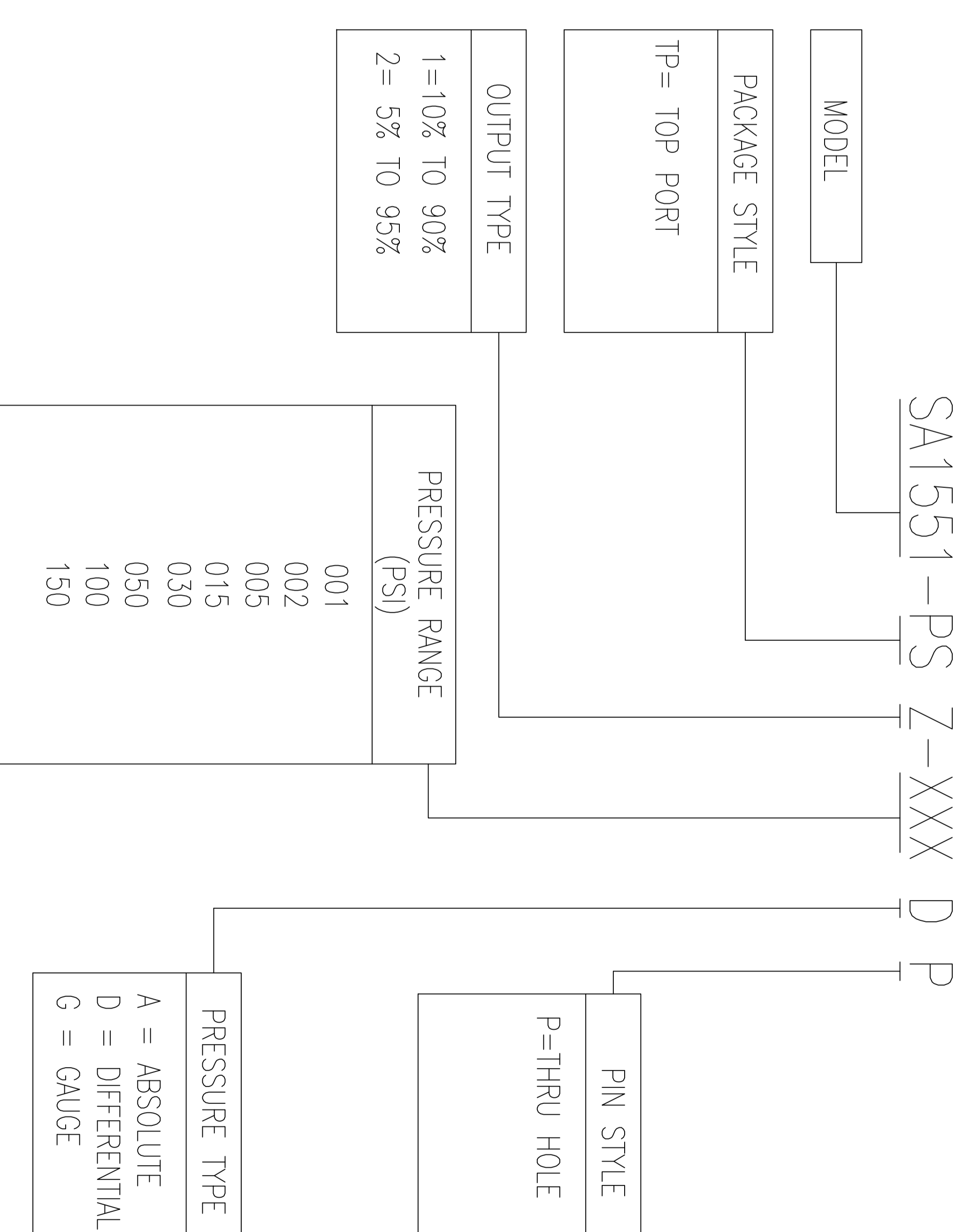
PARAMETERS	MIN	TYP	MAX	UNITS	NOTES
	OUTPUT	0.500	-		
ACCURACY	0.250	-	4.750	V	
TOTAL ERROR BAND	-0.25	-	0.25	% SPAN	2
INPUT VOLTAGE RANGE	-2%	-	+2%	% SPAN	3
QUIESCENT CURRENT	4.75	-	5.25	V	
BURST PRESSURE	-	3	-	mA	
COMMON MODE PRESSURE	3X	-	-	RATED	
LONG TERM STABILITY (OFFSET & SPAN)	-	-	3X	RATED	
COMPENSATED TEMPERATURE	-	±0.5	-	% SPAN	4
OPERATING TEMPERATURE	0	-	+60	°C	
STORAGE TEMPERATURE	-10	-	+85	°C	
HUMIDITY	-25	-	+105	°C	
WEIGHT	-	-	95	RH	
SOLDER TEMPERATURE	-	-	3	GRAMS	
MEDIA	250°C MAX 5 SEC.	-	-		
	NON-CORROSIVE DRY GASES	-	-		

\*\* SEE SHEET 2 FOR NOTES \*\*

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## ORDERING INFORMATION



## APPLICATION SCHEMATIC

### NOTES

1. RATIO METRIC TO SUPPLY VOLTAGE.
2. ACCURACY: THE MAXIMUM DEVIATION FROM A BEST FIT STRAIGHT LINE (BFSL) FITTED TO THE OUTPUT MEASURED OVER THE PRESSURE RANGE AT 25°C. INCLUDES ALL ERRORS DUE TO PRESSURE NON LINEARITY, PRESSURE HYSTERESIS, NON-REPEATABILITY.
3. TOTAL ERROR BAND INCLUDES ALL ACCURACY ERRORS, THERMAL ERRORS OVER THE COMPENSATED TEMPERATURE RANGE, SPAN AND OFFSET CALIBRATION TOLERANCES.
4. LONG TERM STABILITY OVER A ONE YEAR PERIOD WITH CONSTANT VOLTAGE AND TEMPERATURE.
5. PRESSURE CONNECTION: BARBED PORTS ARE DESIGNED FOR USE WITH TUBING 1/16" ID, 60-70A DUROMETER (PVC).
6. DEVICE MARKING: EACH DEVICE IS MARKED COMPLETE WITH MODEL NUMBER, LOT NUMBER AND SERIAL NUMBER (LLLL SSSS), AND DATE CODE (YYYYW)