



**SILICON
MICROSTRUCTURES
INCORPORATED**

SM5611/SM5612/SM5651/SM5652/ SM5812/SM5852 Surface Mountable DIP

- **NOW!!! SURFACE MOUNTABLE VERSIONS OF SMI'S POPULAR SM5600 AND SM5800 SERIES PARTS**
- **FULLY TEMPERATURE CALIBRATED AND COMPENSATED**
- **PRESSURE RANGES DOWN TO 0.15 PSI FULL-SCALE**
- **SM5800 SERIES FULLY AMPLIFIED**

DESCRIPTION

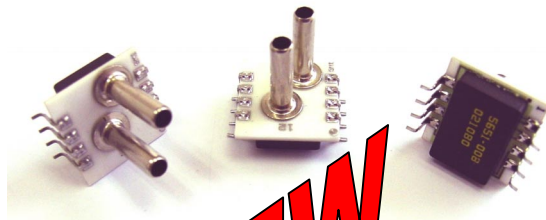
Silicon Microstructures, Inc. (SMI) introduces a surface-mountable version of the SM5600 and SM5800 series. All electrical parameters are identical to the existing product including the fully amplified SM5800 series and the very low pressure ranges (0.15 PSI full-scale). Now the package is supplied in a surface-mountable configuration, eliminating the need for thru-hole printed circuit boards.

FEATURES

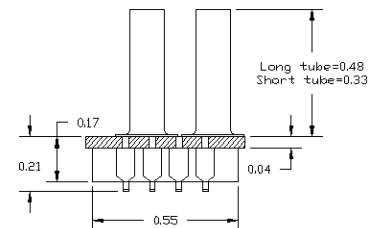
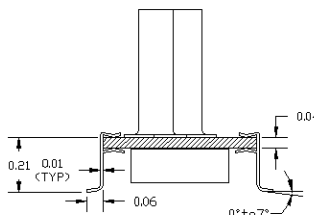
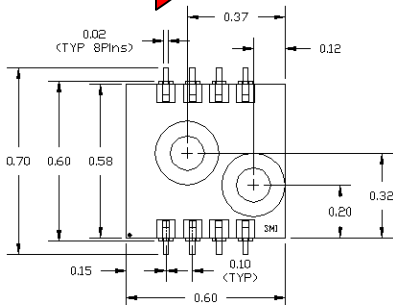
- Full selection of pressure ranges (from 0-0.15 PSI FS to 0-100 PSI FS) as found in the original SM5600 and SM5800 series
- Same specification as the existing SM5600 and 5800 series
- Easy to use surface mountable package (DIP)
- High performance, stable packaged silicon chip
- Absolute, Gage and Differential pressure configurations

APPLICATIONS

- Medical equipment
- Respiration
- HVAC
- Level detection
- Flow measurement
- Industrial control



NEW



All dimensions in inches.

Example of How to Order:

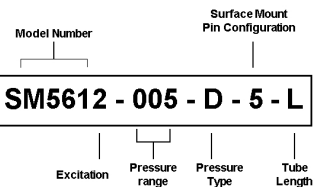
Excitation
1: Constant Current
2: Constant Voltage

Pin Configuration
3: Pins opposite direction of tube
5: Surface mountable Pins opposite side of tubes

Tube Length
L: Long (0.480" +/- 0.005")
N: No Tube
S: Short Tube (0.330" +/- 0.005")

Pressure Type
A: Absolute (1 Tube) (SM5612 Only)
D: Differential (2 Tubes)
G: Gage (1 Tube)

Other configurations available on large orders. Consult SMI for details.



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