LPM 510 - SUBMINIATURE LOAD CELLS

odel LPM 510 (compression only) subminiature load cell is designed to measure load ranges from 150 grams to 1000 pounds with a high frequency response rate. The subminiature dimensions, including diameters from 0.38" to 0.75" and Heights of 0.13" to 0.25" allow these units to be easily incorporated into systems having limited space. A small (1.0" long x 0.08" thick circuit board on ranges 50 g - 1000 g) is included in each load cell's lead wire cable for temperature compensation.

- TENSION/COMPRESSION
- WAFER-THIN
- UP TO 1000 LB
- HIGH/LOW TEMP. OPTION
- 150 GMS TO 1000 LB
- OPTIONAL BOTTOM CABLE EXIT

SPECIFICATIONS

OUTPUT: 150 g to 500 g - 15mv/v

1000 g - 1.5mv/v 5 to 1000 lb - 2mv/v

BRIDGE RESISTANCE: 150 g to 500 g - 500 ohm

1000 g - 350 ohm

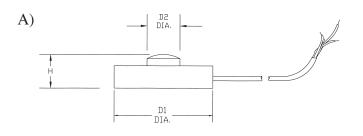
5 to 1000 lb - 700 ohm EXCITATION: 5 Vdc

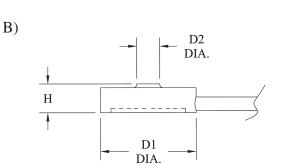
SAFE OVERLOAD: 50% Over Capacity

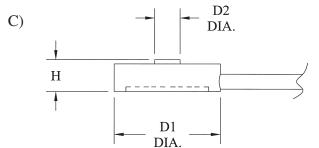
CABLE: 5 ft Silicon

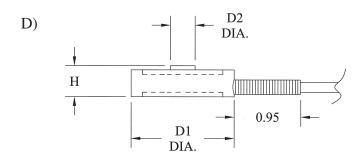
COMPRES	SION ONLY

AVAILABLE RANGES	D1"	D2"	H"	
A) 150; 250; 500; 1000 g; 5 lb	.38	.09	.13	
B) 10; 25; 50 lb	.38	.09	.18	
C) 100; 250 lb	.50	.12	.15	
*D) 500; 1000 lb	.75	.20	.25	









*Ranges available in this envelop size are 10, 25, 50, 100, 250.