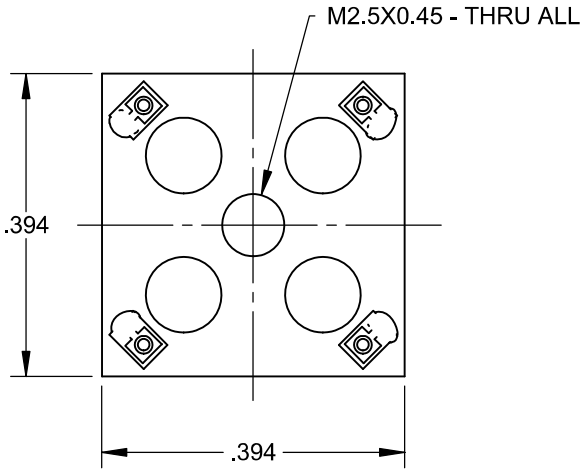
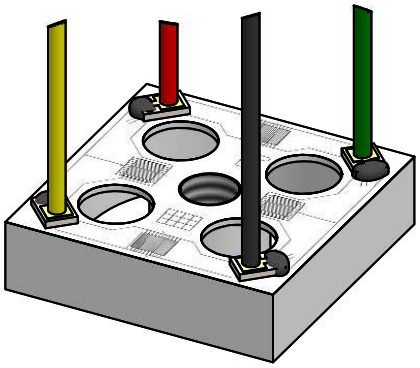
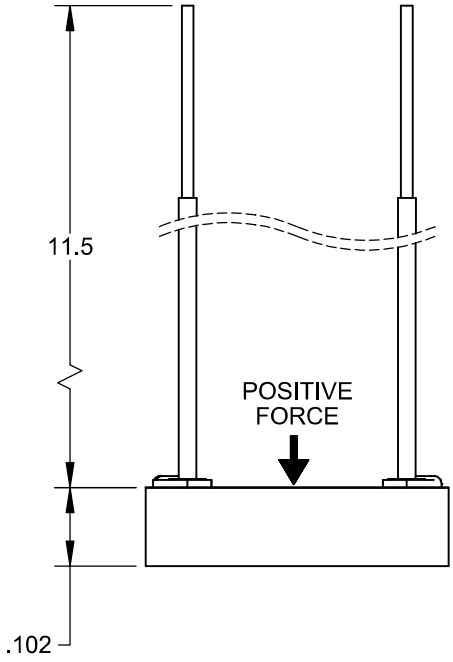
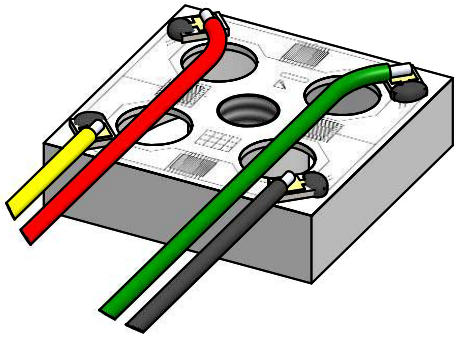
REVISIONS			
MOD No.	REV.	DRAWN BY:	DATE
2298	2	SML	4/21/17
3211	3	SML	7/20/17
3911	4	SML	4/30/21





VERTICALLY WIRED OPTION
"V" SUFFIX





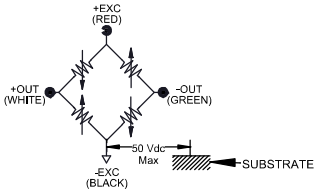
HORIZONTALLY WIRED OPTION
"H" SUFFIX

ITEM No.	CAPACITY	DEFLECTION
SMD3323-500-X	500g	.014
SMD3323-900-X	900g	.015

PART NUMBER EXAMPLE:
SMD3323-500-V IS A 500g SENSOR
WITH VERTICAL WIRING

SPECIFICATIONS		
CAPACITIES:		500g, 900g
MAXIMUM LOAD (SAFE):		175% FSO
MAXIMUM LOAD (ULTIMATE):		400%FSO
BRIDGE CONFIGURATION:		4 WIRE FULL BRIDGE
BRIDGE RESISTANCE:		10,000 Ω
EXCITATION VOLTAGE (RECOMENDED):		10V Dc/Ac (20V dc MAX)
INSULATION RESISTANCE:		1 GΩ @50 Vdc
FULL SCALE OUTPUT (FSO):		1.0 mV/V NOMINAL
ZERO BALANCE:		±0.2 mV/V
REPEATABILITY:		±0.025% FSO
LINEARITY:		±0.020% FSO
HYSTERESIS:		±0.080% FSO
TEMPERATURE EFFECT ON ZERO:		±0.600µV/V/°C
TEMPERATURE EFFECT ON SPAN:		±0.025 ±0.010% READING/°C
OPERATING TEMPERATURE:		-40°C / +140°C
BODY MATERIAL:	500g	ALUMINUM
	900g	STAINLESS STEEL
WIRE SIZE (GAGE) & TYPE:		32AWG PVC, 105°C 600V

PRODUCT SPECIFICATION



ELECTRICAL SCHEMATIC

UNLESS OTHERWISE SPECIFIED:
BREAK SHARP EDGES .003-.015. REMOVE ALL BURRS.
SURFACES TO BE SQUARE &/OR PARALLEL W/IN .005
X/X = 1/64" .XXX = ±.005"
.X = ±.030" .XXXX = ±.001"
.XX = ±.010" ANGLES = ±2° SURFACE FINISH 32
BREAK SHARP EDGES .08-.4. REMOVE ALL BURRS.
SURFACES TO BE SQUARE &/OR PARALLEL W/IN .127
.Xmm =±0.5mm
X.XXmm =±0.3mm ANGLES = ±2°
X.XXXmm =±0.15mm SURFACE FINISH 0.8

STRAIN MEASUREMENT DEVICES
55 Barnes Park Rd. North
Wallingford, CT 06492
Telephone: (203) 294-5800
www.smdsensors.com

TITLE: **S410 FORCE SENSOR**

DATE:	SCALE:	DIM:	DRAWN:	CHECKED:	NEXT ASSY:	REV
9/22/00	1:1	INCHES	SML	JEO	-	4

DWG No. **SMD3323** USED ON: - SHT 1 OF 1