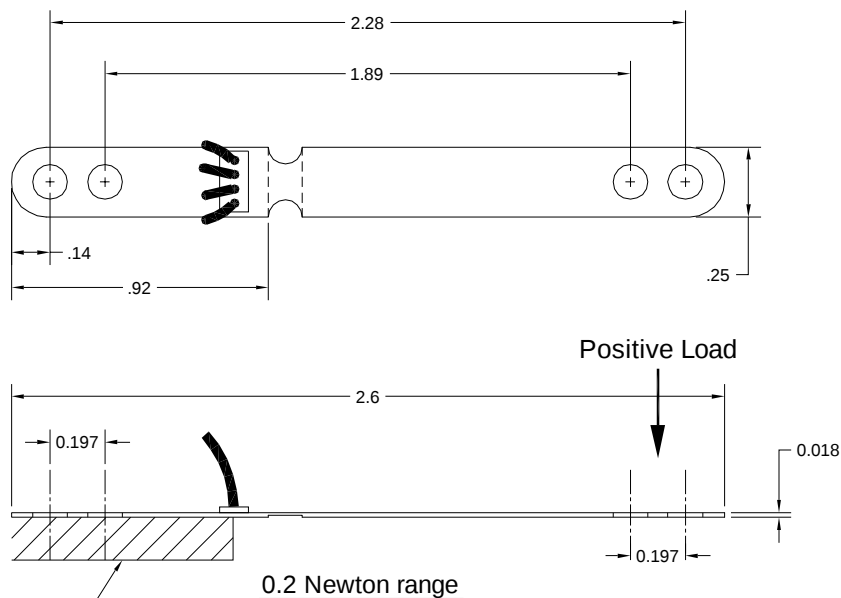
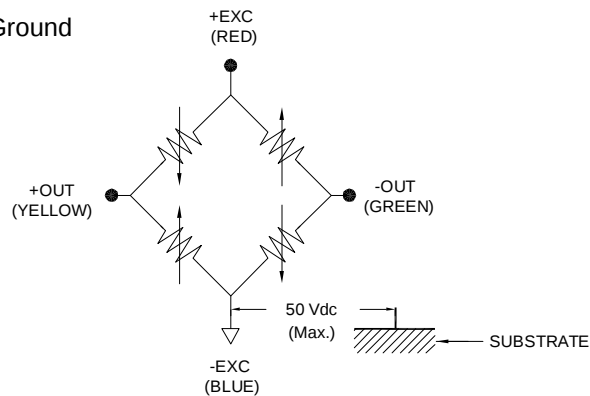


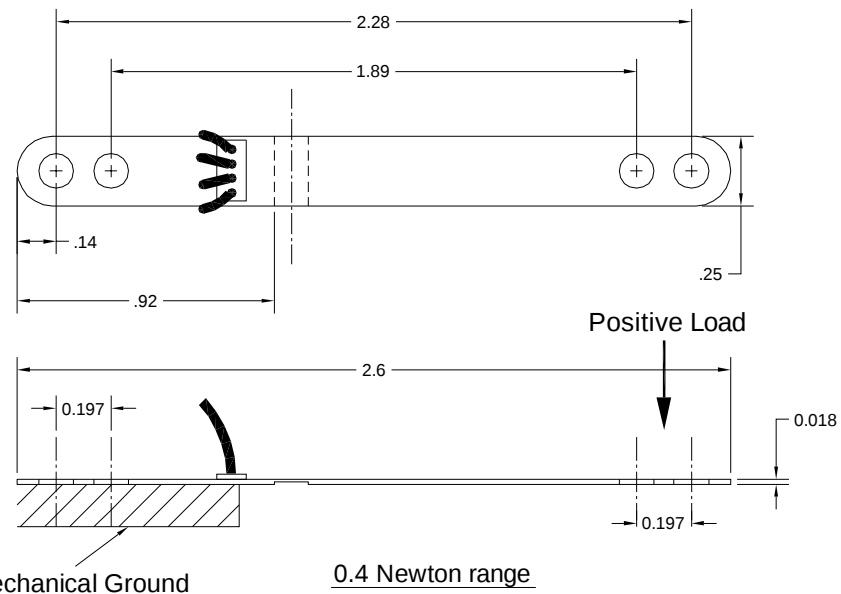


Mechanical Ground



ELECTRICAL SCHEMATIC

RANGE (N)	ITEM NUMBER	MATERIAL	DEFLECTION
0.2	SMD2207-0002	SS	0.088"
0.4	SMD2207-0004	SS	0.115"



Mechanical Ground

SPECIFICATIONS

HYSTERESIS (% R.O.)	0.03
NONREPEATABILITY (% R.O.)	0.05
NONLINEARITY (% R.O.)	0.15
CREEP (R.O. IN 30 MIN)	0.05
STATIC OVERLOAD, SAFE (% R.C.)	200
STATIC OVERLOAD, ULTIMATE (% R.C.)	500
TEMPERATURE RANGE (°C)	-10°C TO 70°C
TEMP. EFFECT ON ZERO BALANCE (% R.O./°C)	0.03
TEMP. EFFECT ON OUTPUT (% READING/°C)	0.03
RATED OUTPUT (mV/V)	1 NOMINAL
ZERO BALANCE (mV/V)	1
EXCITATION RECOMMENDED (V ac OR dc)	10
TERMINAL RESISTANCE, INPUT (Ω)	1,000
TERMINAL RESISTANCE, OUTPUT (Ω)	1,000
INSULATION RESISTANCE (MΩ@ 50 Vdc)	1,000
EXCITATION, MAXIMUM (V ac OR dc)	15

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UNLESS OTHERWISE SPECIFIED:

X/X = 1/64"	.XXX = ±.005"
.X = ±.030"	.XXXX = ±.001"
.XX = ±.010"	ANGLES = ±2°

.Xmm = ±0.5mm

X.XXmm = ±0.3mm

X.XXXmm = ±0.15mm

ANGLES = ±2°

STRAIN MEASUREMENT DEVICES

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TITLE: S100 OUTLINE DRAWING (0.2N and 0.4N)

REV: 3

DWG No. SMD4546

DATE: 09/28/00

SCALE: NONE

DIM: INCHES [mm]