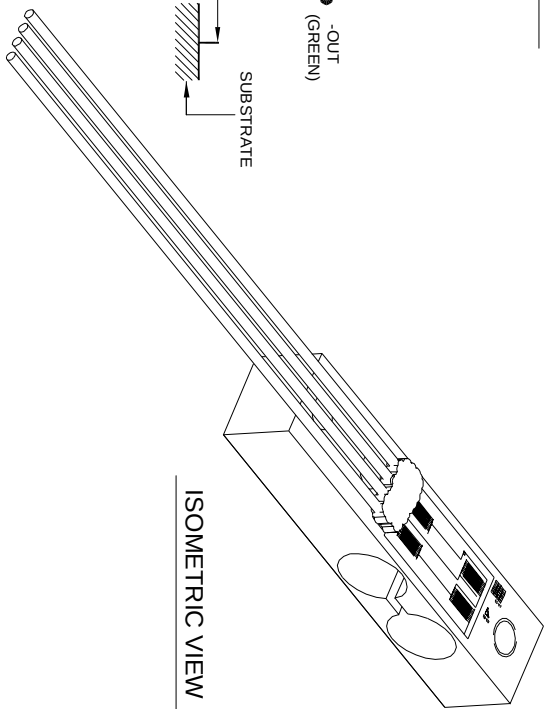
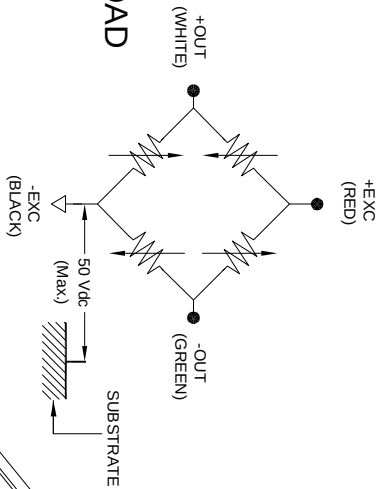


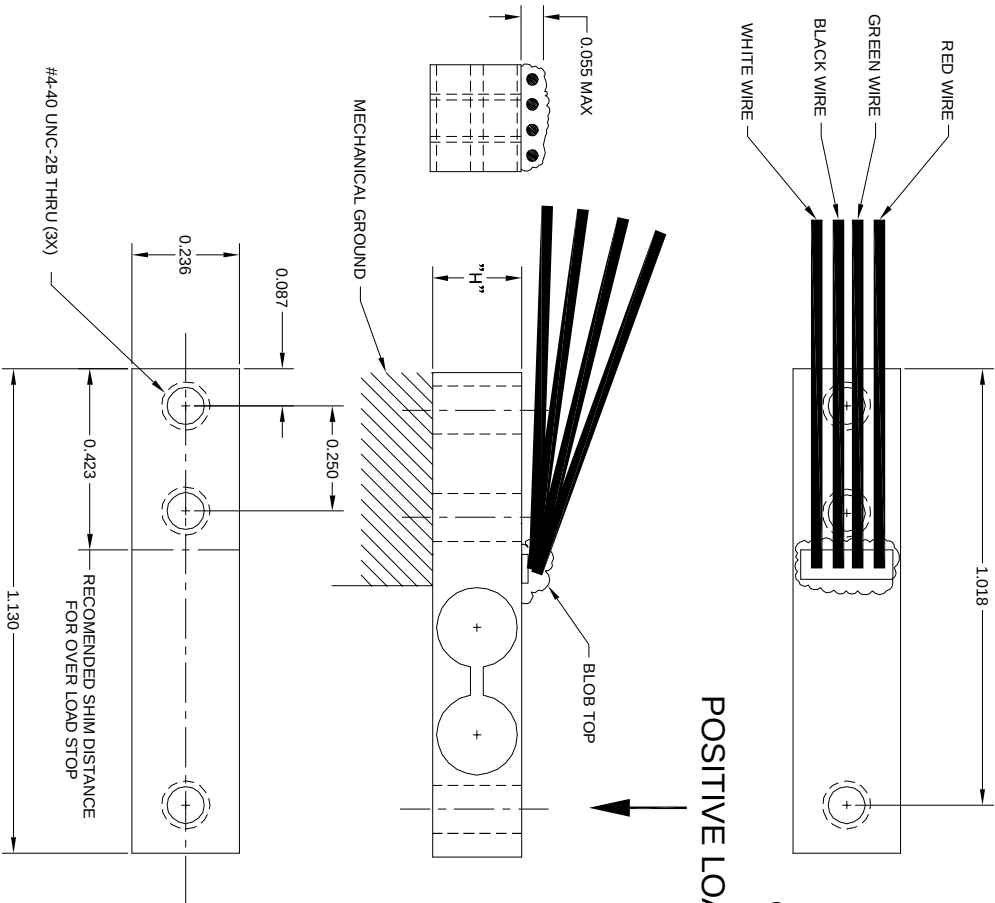
ELECTRICAL SCHEMATIC



SPECIFICATIONS:

CAPACITIES:
RATED OUTPUT:
ZERO OFFSET:
OVERLOAD, SAFE:
EXCITATION RECOMMENDED:
BRIDGE RESISTANCE:
INSULATION RESISTANCE:
OPERATING TEMP. RANGE:
CALIBRATED TEMP. RANGE:
TEMP. EFFECT ON ZERO BALANCE:
TEMP. EFFECT ON SPAN:
LONG TERM STABILITY:
NONLINEARITY:
HYSTERESIS:
NONREPEATABILITY:
CREEP, IN 20 MINUTES:
CLEARANCE FOR WIRES AND STRAIN RELIEF:
ELECTRICAL TERMINATION:
DEFLECTIONS:

2, 4, 12, 22lb (900g, 1.8, 5.5, 9.9kg)
2mV/V NOMINAL
±0.3mV/V (OPTIONAL ±% RO)
200% RO
UP TO 20Vdc
10,000Ω ± 3%
4-WIRE CLOSED BRIDGE
>1000 MΩ @50mDC
-40°C TO +150°C (200°C OPTIONAL)
-40°C TO 125°C
±0.03%/°C (±0.017%/°F)
+0.03% READING/°C (0.017%/°F)
<0.1% RO PER YEAR
±0.03% RO
±0.03% RO
<0.01% RO
<±0.02% RO
0.055" MAX ABOVE TOP OF LOAD CELL
32AWG TEFLON WIRE, 2.5" LONG
0.0045" (2lb-F)
0.0045" (4lb-F)
0.0065" (12lb-F)



RANGE (lb)	ITEM NUMBER	"H"	MATERIAL
2	SMD2551-002	0.208	17-4PH
4	SMD2551-004	0.217	17-4PH
12	SMD2551-012	0.239	17-4PH
22	SMD2551-022	0.258	17-4PH



STRAIN MEASUREMENT DEVICES

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UNLESS OTHERWISE SPECIFIED:		TITLE: S215 OUTLINE DRAWING		REV: 11
X/X = 1/64"	.XXX = ±.005"	DWG No. SMD2551	DATE: 09/28/00	SCALE: NONE
X = ±.030"	.XXXX = ±.001"			DIM: INCH:
.XX = ±.010"	ANGLES = ±2°			
.Xmm = ±0.5mm				
X.Xmm = ±0.5mm				
X.XXXmm = ±0.15mm				
ANGLES = ±2°				