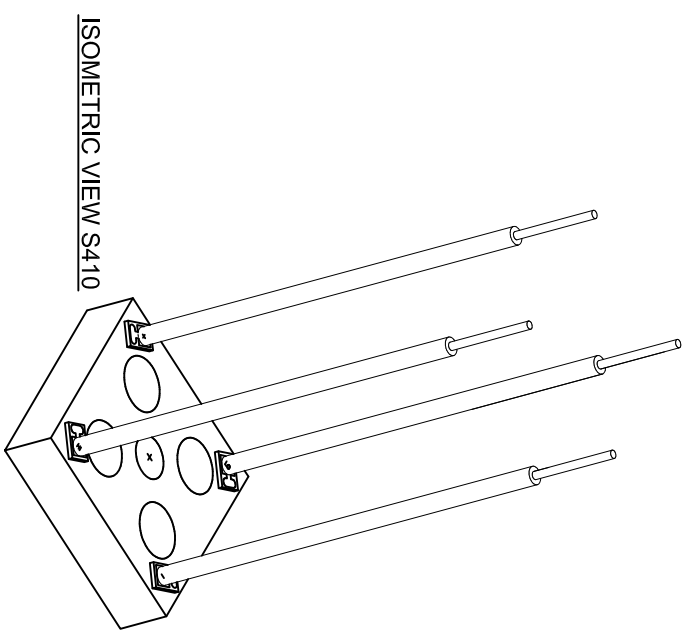
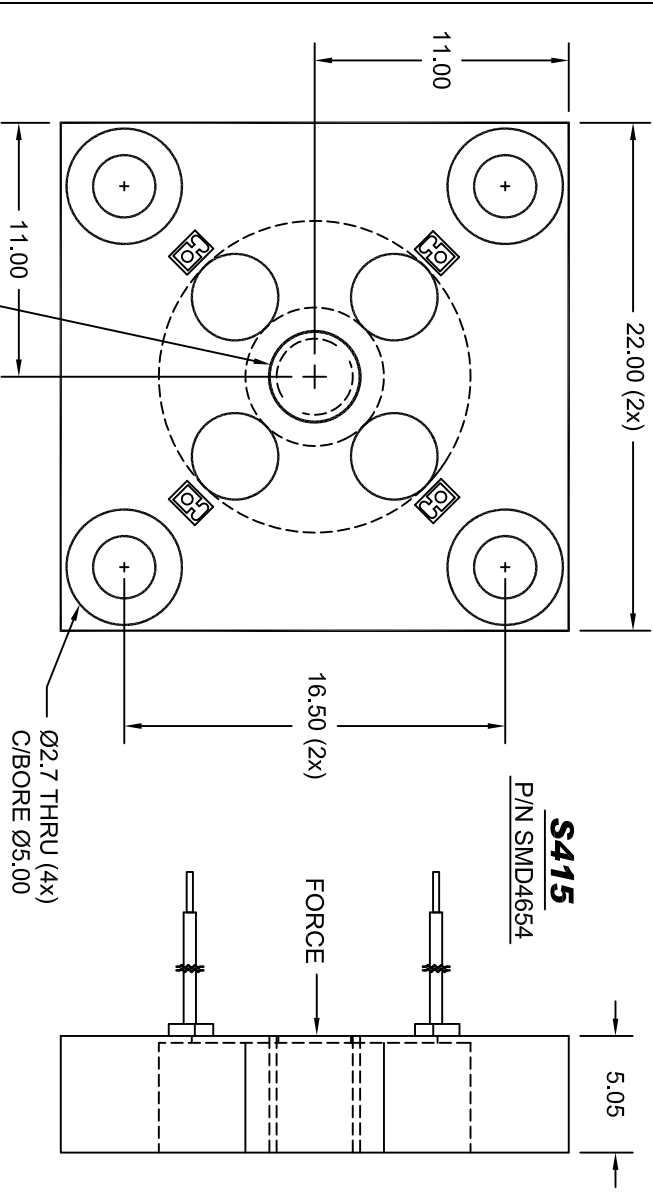
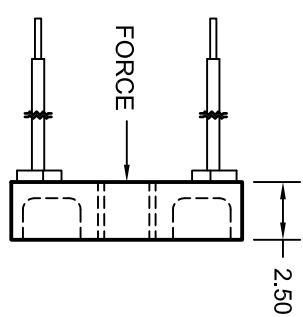


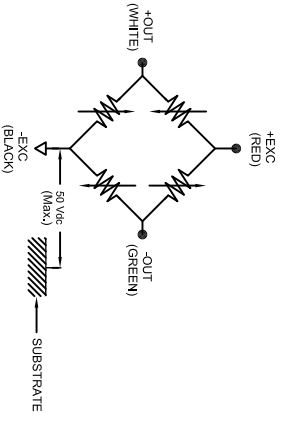


SPECIFICATIONS:

CAPACITIES:	900g, 2.5kg, 10kg
MAXIMUM LOAD (SAFE):	175% FSO
MAXIMUM LOAD (ULTIMATE):	400% FSO
BRIDGE CONFIGURATION:	4 WIRE FULL BRIDGE
BRIDGE RESISTANCE:	10,000 Ω
EXCITATION VOLTAGE (RECOMMENDED):	10V Dc/Ac (20V dc MAX)
INSULATION RESISTANCE:	1000 M Ω @50 Vdc
FULL SCALE OUTPUT (FSO):	1.0 mV/V NOMINAL
ZERO BALANCE:	$\pm 0.3\%$ mV/V
REPEATABILITY:	$\pm 0.025\%$ FSO
LINEARITY:	$\pm 0.02\%$ FSO
HYSTERESIS:	± 0.07 FSO
CREEP/CREEP RECOVERY (30 MIN.):	$\pm 0.030\%$ FSO/ $^{\circ}$ C
TEMPERATURE EFFECT ON ZERO:	± 0.025 $\pm 0.010\%$ READING/ $^{\circ}$ C
TEMPERATURE EFFECT ON SPAN:	$-40/+85^{\circ}$ C
OPERATING TEMPERATURE:	STAINLESS STEEL
BODY MATERIAL:	



MODEL No.	ITEM No.	RANGE
S410	SMD3323-001	900g
S415	SMD4654-2K5	2.5kg
S415	SMD4654-010	10kg



ELECTRICAL SCHEMATIC



STRAIN MEASUREMENT DEVICES

USA
55 Barnes Park North
Wallingford, CT 06492

Tel: (203) 294-5800
Fax: (203) 265-0544
askus@smdsensors.com

Europe
Bury Road, Chedburgh,
Bury St Edmunds IP29 4UQ
England

Tel: +44 (0) 1284 852 000
Fax: +44 (0) 1284 852 371
sales@smdsensors.co.uk

TITLE: S410 AND S415 OUTLINE DRAWING

DWG No.	SMD3323	DATE:	09/22/00	SCALE:	NONE	DWG:	mm
---------	---------	-------	----------	--------	------	------	----