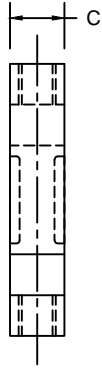
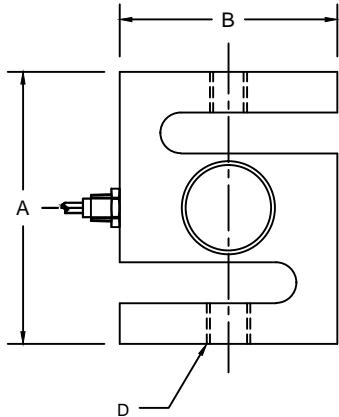


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	B	CHANGED DIMENSION "A&B" ON 10K	11/19/09	-	-	-	-
-	D	REDRAWN FOR LABELING CONSISTENCY	11/12/15	2016-26	TB	AB	AA



**PERFORMANCE SPECIFICATIONS:**

- CAPACITIES: 750LB, 1K, 1.5K, 2K, 2.5K, 3K, 5K, 10K, 15K, & 20K LB
- RATED OUTPUT: 2.00 mV/V  $\pm 0.1\%$
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 385  $\pm 10$  OHMS
- OUTPUT RESISTANCE: 350  $\pm 3$  OHMS
- ZERO BALANCE:  $\pm 1.00\%$  FS
- SEAL TYPE: ENVIRONMENTALLY SEALED, POTTED IP67
- NON-LINEARITY:  $\pm 0.03\%$  FS
- HYSTERESIS:  $\pm 0.02\%$  FS
- REPEATABILITY:  $\pm 0.01\%$  FS
- CREEP:  $\pm 0.02\%$  FS
- COMPENSATED TEMPERATURE RANGE:  $-10^{\circ}\text{C}$  -  $+40^{\circ}\text{C}$
- TEMPERATURE EFFECT ON ZERO:  $\pm 0.0027\%$ FS/ $^{\circ}\text{C}$
- TEMPERATURE EFFECT ON OUTPUT:  $\pm 0.0015\%$ FS/ $^{\circ}\text{C}$
- INSULATION RESISTANCE: >5000 MEGOHMS
- LOAD CELL CABLE: 4 CONDUCTOR, 20 FT
- LOAD CELL WIRING:

- GREEN +EXC
  - BLACK -EXC
  - WHITE +SIG
  - RED -SIG
  - BRAID/YELLOW: SHIELD
18. FM APPROVED

RATED CAPACITY	DIMENSIONS			
	A	B	C	D
750LB-3K	3.00	2.00	1.00	1/2-20UNF
5K	4.25	3.00	1.00	3/4-16UNF
10K	4.75	3.50	1.00	3/4-16UNF
15K	5.50	4.00	1.25	1-14UNF
20K	7.00	5.00	2.00	1-1/4-12UNF

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

**COTI GLOBAL SENSORS, INC.**

**CGSB-SSW S-BEAM  
LOAD CELL**

	THIS DRAWING USES THIRD ANGLE PROJECTION	APPROVALS	DATE
	<small>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED FOR ANY PURPOSE OR USED TO PRODUCE THE ARTICLE OR SUBJECT WITHOUT WRITTEN PERMISSION FROM COTI GLOBAL SENSORS, INC.</small>	DRAWN: DMH	11/19/09
		CHECKED: MB	11/19/09
		ENGINEER: DMH	11/19/09
<small>TOLERANCES UNLESS OTHERWISE SPECIFIED XX<math>\pm</math>0.01 .XXX<math>\pm</math>0.005 FRACTIONS<math>\pm</math>1/16" ANGLES: <math>\pm</math>1/2"</small>	APPROVED: AA	11/19/09	
	MATERIAL		
		STAINLESS STEEL	

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CGSB-SSW	D
MODEL CGSB-SSW			SHEET 1 OF 1