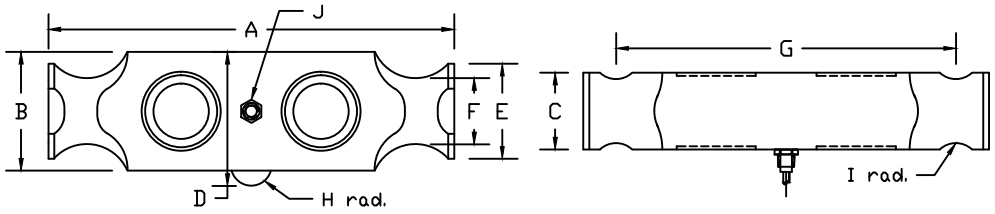
REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
–	–	INITIAL RELEASE	10/01/08	–	–	–	–



PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 25K, 40K, 50KSE, 60KSE, 50K, 60K, 75K, 100K, & 125K LB
2. RATED OUTPUT: 3.00 mV/V
3. SAFE OVERLOAD: 150% FS
4. EXCITATION VOLTAGE: 10-20V AC/DC
5. INPUT RESISTANCE: 700 ± 10 OHMS
6. OUTPUT RESISTANCE: 700 ± 5 OHMS
7. ZERO BALANCE: ±1.00% FS
8. SEAL TYPE: WELDED SEALED
9. NON-LINEARITY: ±0.03% FS
10. HYSTERESIS: ±0.02% FS
11. REAPEATABLITY: ±0.01% FS
12. CREEP: ±0.02% FS
13. COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
14. TEMPERATURE EFFECT ON ZERO: ±0.0027%FS/°C
15. TEMPERATURE EFFECT ON OUTPUT: ±0.0015%FS/°C
16. INSULATION RESISTANCE: >5000 MEGOHMS
17. LOAD CELL CABLE: 4 CONDUCTOR, 50 FT BRAIDED SHIELD
18. LOAD CELL WIRING:
    - GREEN +EXC
    - BLACK -EXC
    - WHITE +SIG
    - RED -SIG
    - BRAID/YELLOW: SHEILD
19. FM APPROVED

RATED CAPACITY	DIMENSIONS											
			A	B	C	D	E	F	G	H	I	J
25K-60KSE			8.25	2.44	1.94	2.97	2.00	1.63	7.25	0.50	0.50	1/4-18NPT
50K-75K			11.50	2.94	1.94	3.47	2.20	1.70	10.00	1.00	0.75	1/2-14NPT
100K-125K			14.50	3.86	2.90	4.68	3.20	2.44	12.50	1.50	1.00	1/2-14NPT

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

THIS DRAWING USES THIRD ANGLE PROJECTION

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.

TOLERANCES UNLESS OTHERWISE SPECIFIED
.XX-Ñ.01
.XXX-Ñ.005
FRACTIONS-Ñ1/16"
ANGLES: Ñ1/2"

APPROVALS		DATE
DRAWN:	MTSI	10/01/08
CHECKED:	MB	10/01/08
ENGINEER:	AA	10/01/08
APPROVED:	AA	10/01/08

MATERIAL
STAINLESS STEEL

COTI GLOBAL SENSORS, INC.

CG-BE40-SSW DOUBLE ENDED BEAM LOAD CELL

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-BE40-SSW	B

MODEL CG-BE40-SSW SHEET 1 OF 1