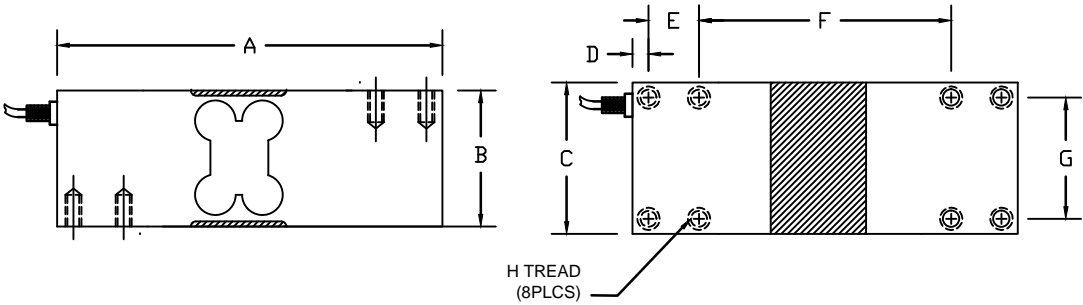


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	-	EDIT DIMENSION TABLE	9/08/09	-	-	-	-
-	C	REDRAWN FOR LABELING CONSISTENCY	10/20/15	2016-02	TB	AB	AA



PERFORMANCE SPECIFICATIONS: *NON-NTEP

1. CAPACITIES: 50KG, 75KG, 100KG, 150KG, 200KG, 250KG, 300KG, 500KG, & *635KG
2. RATED OUTPUT: 2.00 mV/V ±10%
3. SAFE OVERLOAD: 150% FS
4. EXCITATION VOLTAGE: 10-20V AC/DC
5. INPUT RESISTANCE: 410 ±10 OHMS
6. OUTPUT RESISTANCE: 350 ±3 OHMS
7. ZERO BALANCE: ±1.00% FS
8. SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
9. NON-LINEARITY: ±0.02% FS
10. HYSTERESIS: ±0.02% FS
11. REPEATABILITY: ±0.02% FS
12. CREEP: ±0.03% FS
13. NTEP RATED
14. CLASS 111 5,000 DIVISION, SINGLE CELL
15. COMPENSATED TEMPERATURE RANGE: 0°C - +30°C
16. TEMPERATURE EFFECT ON ZERO: ±0.002%FS/°C
17. TEMPERATURE EFFECT ON OUTPUT: ±0.001%FS/°C
18. INSULATION RESISTANCE: >5000 MEGOHMS
19. LOAD CELL CABLE: 4 CONDUCTOR, 10 FT
20. LOAD CELL WIRING:
 RED +EXC
 BLACK -EXC
 GREEN +SIG
 WHITE -SIG
 BRAID/YELLOW: SHEILD
21. FM APPROVED
22. MAX PLATFORM SIZE: 600 X 600 mm

RATED CAPACITY	DIMENSIONS							H
	A	B	C	D	E	F	G	
50-635KG	7.40	2.45	2.49	0.22	1.38	4.21	1.97	5/16-18UNCx0.62dp

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

**CG-50-1 SINGLE POINT CELL
NTEP LOAD CELL**

	THIS DRAWING USES THIRD ANGLE PROJECTION		APPROVALS		DATE
	DRAWN:	DH	CHECKED:	MB	9/08/09
	ENGINEER:	DH	APPROVED:	AA	9/08/09
	MATERIAL		ALUMINUM		

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±.01
 .XXX±.005
 FRACTIONS±1/16"
 ANGLES: ±1/2°

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-50-1	C
MODEL CG-50-1			SHEET 1 OF 1