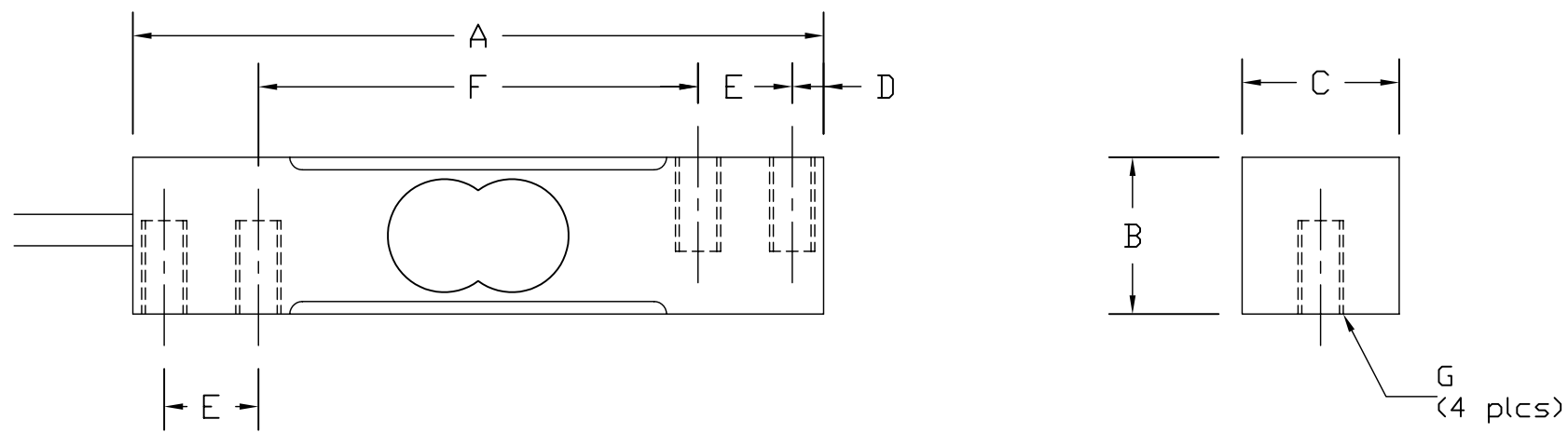


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-



**PERFORMANCE SPECIFICATIONS:**

\*NON-NTEP

1. CAPACITIES: \*7KG, 10KG, 15KG, 30KG, 60KG, 100KG, & \*150KG
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, IP65
9. NON-LINEARITY: ±0.02% FS
10. HYSTERESIS: ±0.02% FS
11. REAPEATABLITY: ±0.02% FS
12. CREEP: ±0.03% FS
13. NTEP RATED
14. CLASS 111 5,000 DIVISION, SINGLE CELL
15. COMPENSATED TEMPERATURE RANGE: -10°C - +40°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:
  - GREEN +EXC
  - BLACK -EXC
  - WHITE +SIG
  - RED -SIG
  - BRAID/YELLOW: SHEILD
21. FM APPROVED
22. MAX PLATFORM SIZE: 400 X 400 mm

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G			
7-15KG	5.50	1.19	0.75	0.25	0.75	3.50	1/4-20UNCx0.75dp			
30-60KG	5.50	1.19	0.94	0.25	0.75	3.50	1/4-20UNCx0.75dp			
100-150KG	5.50	1.19	1.21	0.31	0.88	3.12	3/8-16UNCx0.75dp			

\*DO NOT ALTER WITHOUT AGENCY NOTIFICATION\*

**COTI GLOBAL SENSORS, INC.**

**CG-PWA SINGLE POINT NTEP LOAD CELL**

	APPROVALS		DATE
	DRAWN: MTSI		10/01/08
	CHECKED: MB		10/01/08
	ENGINEER: AA		10/01/08
	APPROVED: AA		10/01/08
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-±0.01 .XXX-±0.005 FRACTIONS-±1/16" ANGLES: ±1/2"			

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