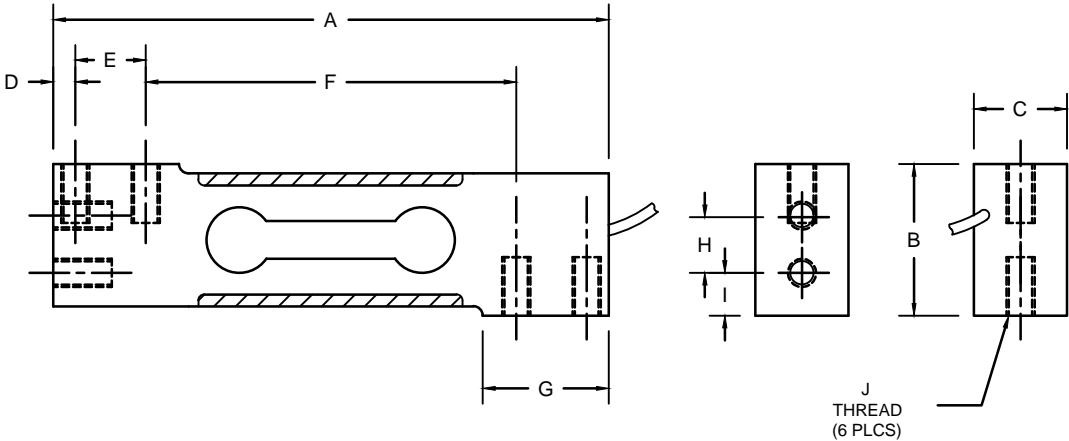


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	-	EDIT DIMENSION TABLE	9/08/09	-	-	-	-
-	D	REDRAWN FOR LABELING CONSISTENCY	12/15/15	2016-49	TB	AB	AA

PERFORMANCE SPECIFICATIONS: *NON-NTEP

- CAPACITIES: *3KG, *5KG, *7KG, 10KG, 15KG, 20KG, 30KG, 50KG, 75KG, & 100KG
- RATED OUTPUT: 2.00 mV/V $\pm 10\%$
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 410 ± 10 OHMS
- OUTPUT RESISTANCE: 350 ± 3 OHMS
- ZERO BALANCE: $\pm 1.00\%$ FS
- SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
- NON-LINEARITY: $\pm 0.02\%$ FS
- HYSTERESIS: $\pm 0.02\%$ FS
- REPEATABILITY: $\pm 0.02\%$ FS
- CREEP: $\pm 0.03\%$ FS
- NTEP RATED
- CLASS 111 5,000 DIVISION, SINGLE CELL
- COMPENSATED TEMPERATURE RANGE: $-10^{\circ}\text{C} - +40^{\circ}\text{C}$
- TEMPERATURE EFFECT ON ZERO: $\pm 0.002\%$ FS/ $^{\circ}\text{C}$
- TEMPERATURE EFFECT ON OUTPUT: $\pm 0.001\%$ FS/ $^{\circ}\text{C}$
- INSULATION RESISTANCE: >5000 MEGOHMS
- LOAD CELL CABLE: 4 CONDUCTOR, 10 FT
- LOAD CELL WIRING:
 - GREEN +EXC
 - BLACK -EXC
 - RED +SIG
 - WHITE -SIG
 - BRAID/YELLOW: SHEILD
- FM APPROVED
- MAX PLATFORM SIZE: 400 X 400 mm



RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	J
3-30KG	5.91	1.575	.787	0.24	0.75	3.937	1.339	0.75	0.37	1/4-20UNCx0.44dp
50-100KG	5.91	1.575	.992	0.24	0.75	3.937	1.339	0.75	0.37	1/4-20UNCx0.44dp

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.
CG-42 SINGLE POINT CELL
NTEP LOAD CELL

APPROVALS		DATE
DRAWN: DH	CHECKED: MB	9/08/09
ENGINEER: DH	APPROVED: AA	9/08/09
MATERIAL		
ALUMINUM		

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TOLERANCES UNLESS OTHERWISE SPECIFIED
XX- ± 0.01
.XXX- ± 0.005
FRACTIONS- $\pm 1/16"$
ANGLES: $\pm 1/2^{\circ}$

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-42	D
MODEL	CG-42	SHEET 1 OF 1	