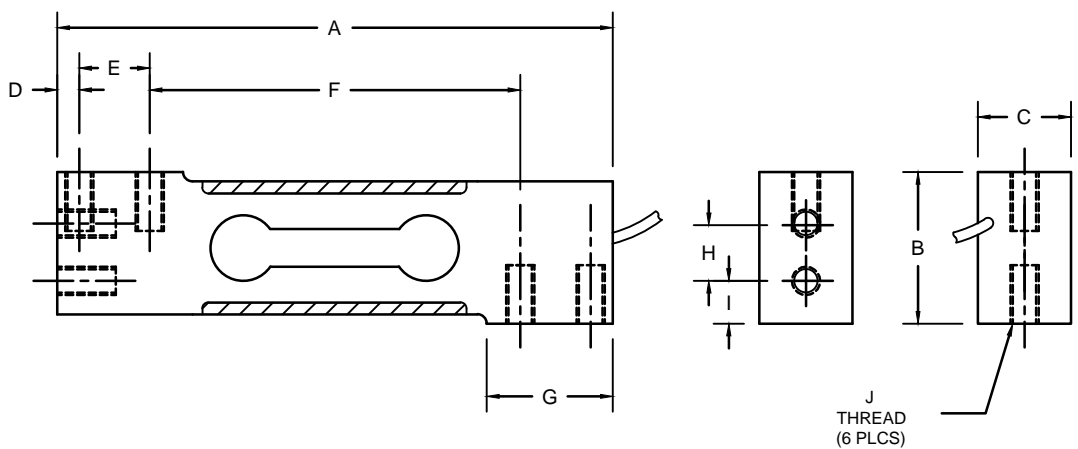


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	-	EDIT DIMENSION TABLE	9/08/09	-	-	-	-
-	D	REDRAWN FOR LABELING CONSISTENCY	12/15/15	2016-49	TB	AB	AA



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

PERFORMANCE SPECIFICATIONS: \*NON-NTEP

- CAPACITIES: \*3KG, \*5KG, \*7KG, 10KG, 15KG, 20KG, 30KG, 50KG, 75KG, & 100KG
- RATED OUTPUT: 2.00 mV/V ±10%
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 410 ±10 OHMS
- OUTPUT RESISTANCE: 350 ±3 OHMS
- ZERO BALANCE: ±1.00% FS
- SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
- NON-LINEARITY: ±0.02% FS
- HYSTERESIS: ±0.02% FS
- REPEATABILITY: ±0.02% FS
- CREEP: ±0.03% FS
- NTEP RATED
- CLASS 111 5,000 DIVISION, SINGLE CELL
- COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
- TEMPERATURE EFFECT ON ZERO: ±0.002%FS/°C
- TEMPERATURE EFFECT ON OUTPUT: ±0.001%FS/°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

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-42 SINGLE POINT CELL  
NTEP LOAD CELL

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

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TOLERANCES UNLESS OTHERWISE SPECIFIED  
 .XX±.01  
 .XXX±.005  
 FRACTIONS±1/16"  
 ANGLES: ±1/2"

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