

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	12/15/15	2016-23	TB	AB	AA

*NON-NTEP

PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 50kg, 100kg, 150kg, 200kg, 250kg, 300kg, 500kg, & *635kg
- 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: 0°C - +30°C
- TEMPERATURE EFFECT ON ZERO: $\pm 0.002\%$ FS/°C
- TEMPERATURE EFFECT ON OUTPUT: $\pm 0.001\%$ FS/°C
- INSULATION RESISTANCE: >5000 MEGOHMS
- LOAD CELL CABLE: 4 CONDUCTOR, 10 FT
- LOAD CELL WIRING:
 - GREEN +EXC
 - BLACK -EXC
 - WHITE +SIG
 - RED -SIG
 - BRAID/YELLOW: SHEILD
- FM APPROVED
- MAX PLATFORM SIZE: 600 X 600 mm

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

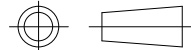
CG-50-2 SINGLE POINT
LOAD CELL

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

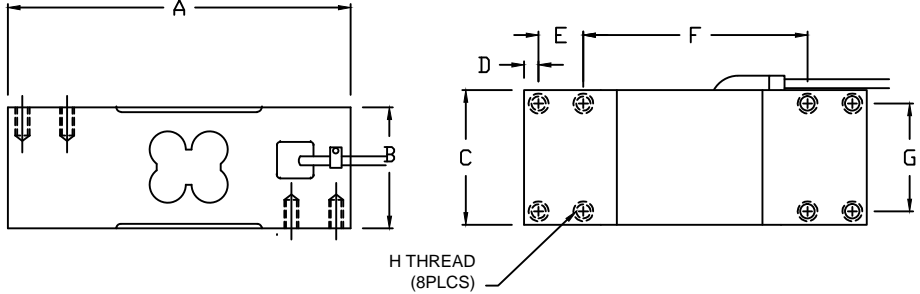
SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-50-2	C
MODEL CG-50-2		SHEET 1 OF 1	

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



THIS DRAWING USES THIRD ANGLE PROJECTION



RATED CAPACITY	DIMENSIONS							
	A	B	C	D	E	F	G	H
50-635kg	6.85	2.56	2.36	0.28	0.75	4.80	1.18	M8x1.25x0.79dp