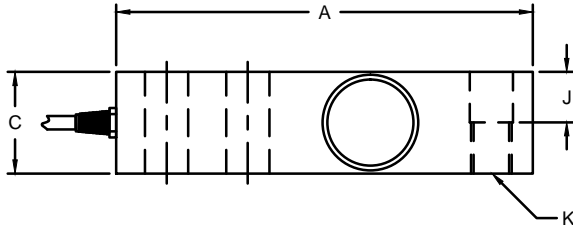
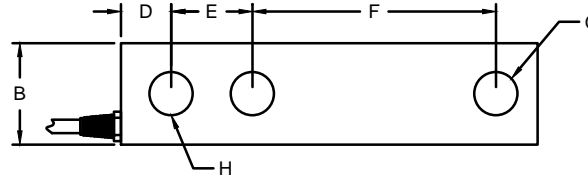
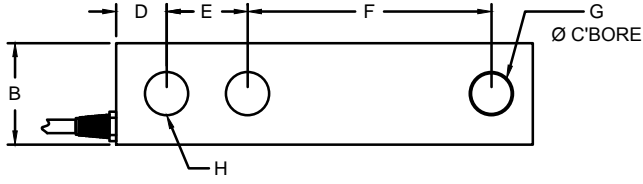


ZONE		LTR.		DESCRIPTION		DATE	ECN	BY	CKD	APVD
-		C		REDRAWN FOR LABELING CONSISTENCY		01/02/16	2016-19	TB	AB	AA

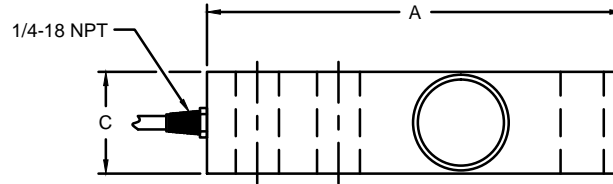
REVISIONS

**PERFORMANCE SPECIFICATIONS:**

- CAPACITIES: \*NON-NTEP  
\*100LB, 250LB, 500LB, 750LB, 1K, 1.5K, 2K, 2.5K, 4K, 5KSE, 5KLE, 10K, 15K, 20K.
- RATED OUTPUT: 3.00 mV/V ±0.25%.
- SAFE OVERLOAD: 150% FS.
- EXCITATION VOLTAGE: 10V AC/DC (15V MAX).
- INPUT RESISTANCE: 385 ±10Ω.
- OUTPUT RESISTANCE: 350 ±3Ω.
- ZERO BALANCE: ±1.00% FS.
- SEAL TYPE: ENVIRONMENTALLY SEALED IP67.
- NON-LINEARITY: ±0.03% FS.
- HYSTERESIS: ±0.02% FS.
- REPEATABILITY: ±0.01% FS.
- CREEP: ±0.02% FS IN 30 MINUTES.
- NTEP RATED.
- CLASS III, 10,000 DIVISION, MULTIPLE CELL.
- COMPENSATED TEMPERATURE RANGE: -10°C TO +40°C.
- TEMPERATURE EFFECT ON ZERO: ±0.0027% FS/°C.
- TEMPERATURE EFFECT ON OUTPUT: ±0.0015% FS/°C.
- INSULATION RESISTANCE: 5000 MEGOHMS.
- LOAD CELL CABLE: 4-24AWG, Ø5.6MM, PVC, 20FT.
- LOAD CELL WIRING:  
GRN (+EXC)  
BLK (-EXC)  
WHT (+SIG)  
RED (-SIG)  
BRAID/YELLOW: SHIELD
- FM APPROVED.



CG-23 THREADED LOAD HOLE



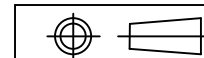
CG-23-1 NON-THREADED LOAD HOLE

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	K
100LB - 750LB	5.12	1.25	1.25	0.62	1.00	3.00	0.53	0.53	0.62	1/2-20 UNF
1K - 5KSE	5.12	1.25	1.25	0.62	1.00	3.00	0.53	0.53	0.62	1/2-20 UNF
5KLE - 10K	6.75	1.50	1.50	0.75	1.50	3.75	0.78	0.78	0.75	3/4-16 UNF
15K - 20K	8.88	2.00	1.50	1.00	2.00	4.88	1.03	1.03	1.00	1-14 UNF

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

CG - 23  
NTEP LOAD CELL



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TOLERANCES UNLESS OTHERWISE SPECIFIED  
XX = ±0.02"  
XXX = ±0.005"  
XXXX = ±0.0002"  
FRACTIONS: ±1/16"  
ANGLES DEC: ±18

APPROVALS		DATE
DRAWN: RLU		06/12/15
CHECKED: AA		06/12/15
ENGINEER: JSP		06/12/15
APPROVED: AA		06/12/15
MATERIAL: ALLOY STEEL		
FINISH: NICKEL PLATED		

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-23	C
MODEL CG-23		SHEET 1 OF 1	