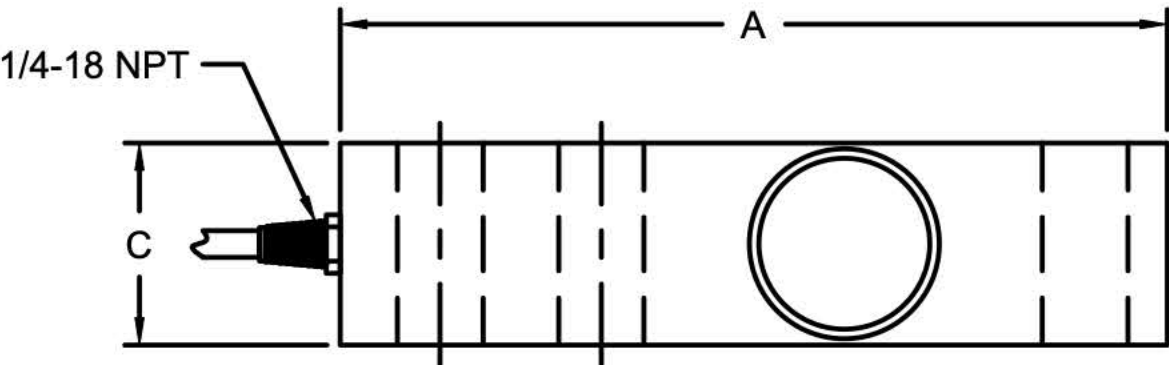
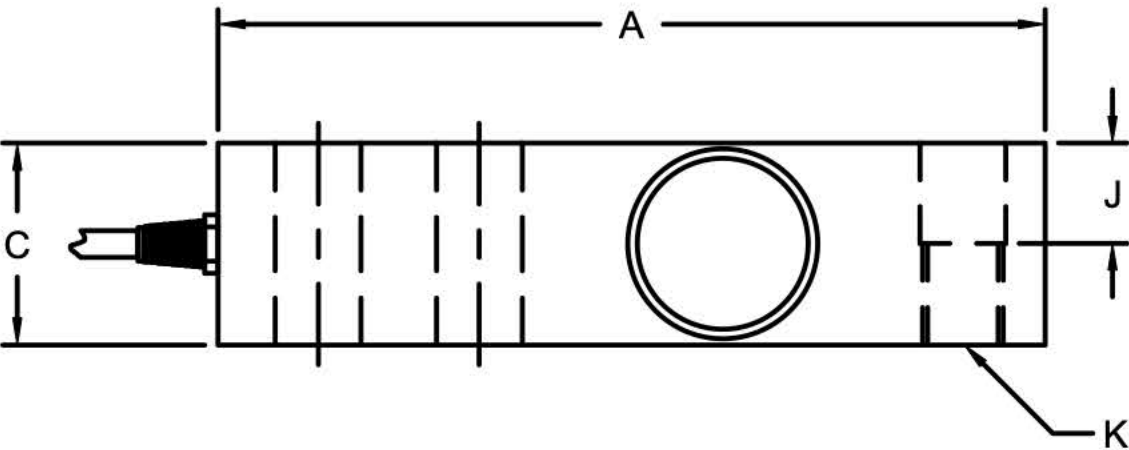
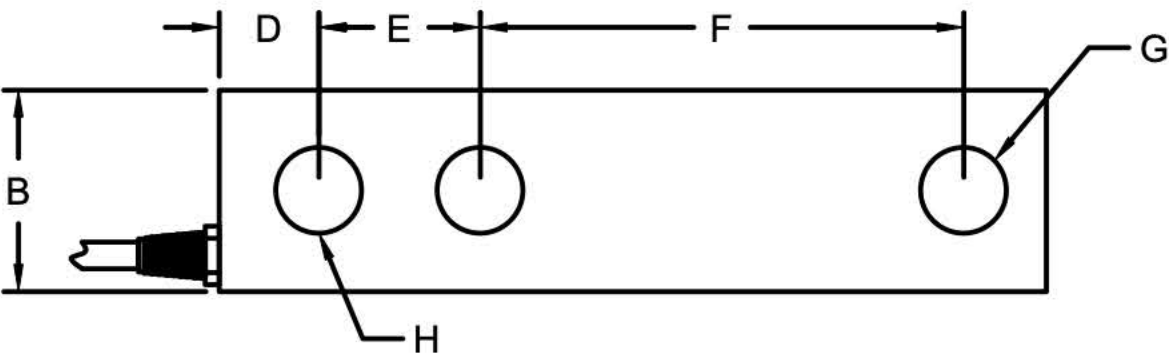
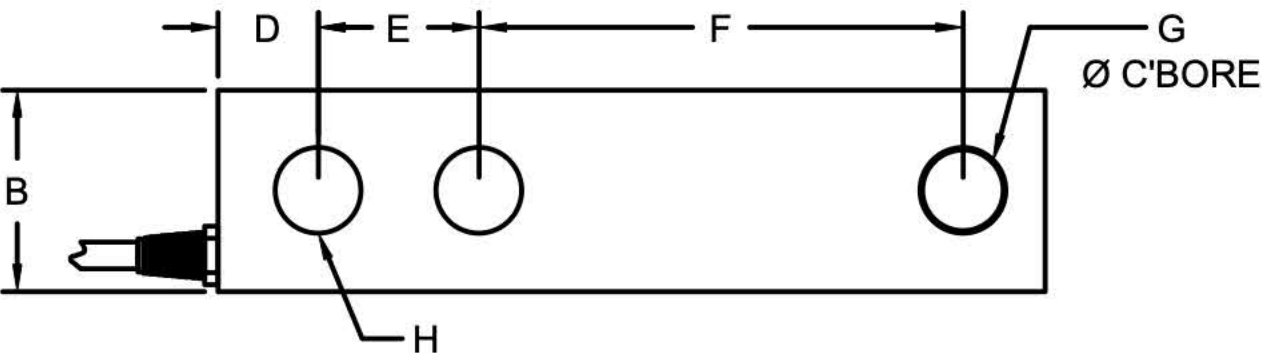


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECR	BY	CKD	APVD
-	D	REDRAWN FOR LABELING CONSISTENCY	01/02/16	2016-20	TB	AB	AA
	E	Updated C Dimension on 15K and 20K	7/27/17	2017-09	AB	AT	AA



CG-23-SS THREADED LOAD HOLE

CG-23-SS-1 NON-THREADED LOAD HOLE

RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	K
250LB - 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	2.00	1.00	2.00	4.88	1.03	1.03	1.00	1-14 UNF

- PERFORMANCE SPECIFICATIONS:**
- CAPACITIES: 250LB, 500LB, 750LB, 1K, 1.5K, 2K, 2.5K, 4K, 5KSE, 5KLE, 10K, 15K, 20K.
 - RATED OUTPUT: 3.00 mV/V $\pm$ 0.25%.
 - SAFE OVERLOAD: 150% FS.
 - EXCITATION VOLTAGE: 10V AC/DC (15V MAX).
 - INPUT RESISTANCE: 385 $\pm$ 10 Ω .
 - OUTPUT RESISTANCE: 350 $\pm$ 3 Ω .
 - ZERO BALANCE: $\pm$ 1.00% FS.
 - SEAL TYPE: ENVIRONMENTALLY SEALED IP67.
 - NON-LINEARITY: $\pm$ 0.03% FS.
 - HYSTERESIS: $\pm$ 0.02% FS.
 - REPEATABILITY: $\pm$ 0.01% FS.
 - CREEP: $\pm$ 0.02% FS IN 30 MINUTES.
 - NTEP RATED.
 - CLASS III, 5,000 DIVISION, MULTIPLE CELL.
 - COMPENSATED TEMPERATURE RANGE: -10°C TO +40°C.
 - TEMPERATURE EFFECTON ZERO: $\pm$ 0.0027% FS/°C.
 - TEMPERATURE EFFECT ON OUTPUT: $\pm$ 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.

THIS DRAWING USES THIRD ANGLE PROJECTION

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TOLERANCES UNLESS OTHERWISE SPECIFIED
.XX = $\pm$ 0.02"
.XXX = $\pm$ 0.005"
.XXXX = $\pm$ 0.0002"
FRACTIONS: $\pm$ 1/16"
ANGLES DEG: $\pm$ 1/8

APPROVALS		DATE
DRAWN:	RLU	06/15/15
CHECKED:	AA	06/15/15
ENGINEER:	JSP	06/15/15
APPROVED:	AA	06/15/15
MATERIAL:	STAINLESS STEEL	
FINISH:	PASSIVATED	

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

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

CG - 23 - SS
NTEP LOAD CELL