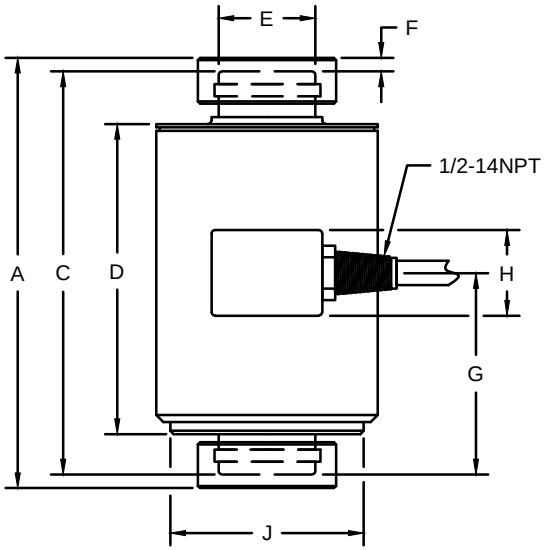
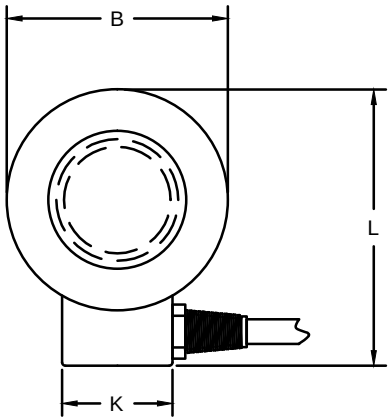
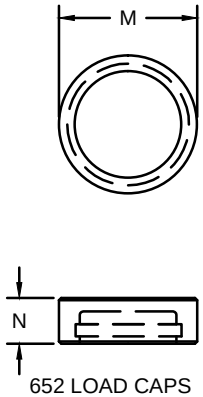
REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	C	REDRAWN FOR CLARITY IN THE CATALOG	04/20/15	2015-18	RLU	JSP	AA





TOP VIEW



652 LOAD CAPS
(SET OF TWO)

PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 50K, 100K & 120K (LB).
2. RATED OUTPUT: 2.00 mV/V ±0.25%.
3. SAFE OVERLOAD: 150% FS.
4. EXCITATION VOLTAGE: 10V AC/DC. (15V MAX)
5. INPUT RESISTANCE: 1150 ±10Ω.
6. OUTPUT RESISTANCE: 1050 ±5Ω.
7. ZERO BALANCE: ±1.00% FS.
8. SEAL TYPE: HERMETICALLY SEALED IP67.
9. NON-LINEARITY: ±0.03% FS.
10. HYSTERESIS: ±0.02% FS.
11. REPEATABILITY: ±0.01% FS.
12. CREEP: ±0.02% FS IN 30 MINUTES.
13. NTEP RATED.
14. CLASS III L, 10,000 DIVISION, MULTIPLE CELL.
15. COMPENSATED TEMPERATURE RANGE: 0°C - 30°C.
16. TEMPERATURE EFFECT ON ZERO: ±0.0027% FS/°C.
17. TEMPERATURE EFFECT ON OUTPUT: ±0.0015% FS/°C.
18. INSULATION RESISTANCE: 5000 MEGOHMS.
19. LOAD CELL CABLE: 4-24AWG, Ø5.6MM, PVC, 50FT.
20. LOAD CELL WIRING:
    - GRN (+EXC)
    - BLK (-EXC)
    - RED (+SIG)
    - WHT (-SIG)
    - BRAID/YELLOW: SHIELD
21. FM APPROVED.

RATED CAPACITY	DIMENSIONS												
	A	B	C	D	E	F	G	H	J	K	L	M	N
50K- 120K	7.75	4.00	7.25	5.75	1.75	0.25	4.00	1.55	3.50	2.00	5.00	-	-
652 LOAD CAPS	-	-	-	-	-	-	-	-	-	-	-	2.50	0.82

THIS DRAWING USES THIRD ANGLE PROJECTION

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

APPROVALS		DATE
DRAWN:	RLU	04/20/15
CHECKED:	AA	04/20/15
ENGINEER:	JSP	04/20/15
APPROVED:	AA	04/20/15
MATERIAL:	STAINLESS STEEL	
FINISH:	PASSIVATED	

DO NOT ALTER WITHOUT AGENCY NOTIFICATION

COTI GLOBAL SENSORS, INC.

CG -26S
NTEP LOAD CELL

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-26S	C
MODEL CG-26S			SHEET 1 OF 1