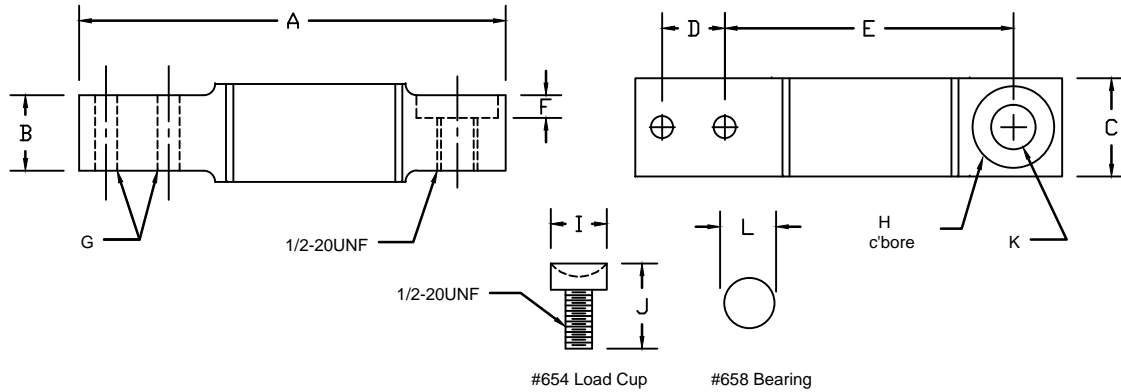


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	C	REDRAWN FOR LABELING CONSISTENCY	01/12/16	2016-04	TB	AB	AA



PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 100LB, 200LB, 500LB, 1K, & 2K LB
- RATED OUTPUT: 2.00 mV/V \pm 0.1%
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 480 \pm 10 OHMS
- OUTPUT RESISTANCE: 440 \pm 3 OHMS
- ZERO BALANCE: \pm 1.00% FS
- SEAL TYPE: ENVIRONMENTALLY SEALED
- NON-LINEARITY: \pm 0.03% FS
- HYSTERESIS: \pm 0.03% FS
- REPEATABILITY: \pm 0.01% FS
- CREEP: \pm 0.02% FS
- COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
- TEMPERATURE EFFECT ON ZERO: \pm 0.0027%FS/°C
- TEMPERATURE EFFECT ON OUTPUT: \pm 0.0015%FS/°C
- INSULATION RESISTANCE: >5000 MEGOHMS
- LOAD CELL CABLE: 6 CONDUCTOR, 30 FT
- LOAD CELL WIRING:
 - WHITE +EXC
 - BLUE -EXC
 - GREEN +SIG
 - BLACK -SIG
 - YELLOW +SENSE
 - RED -SENSE
 - BRAID: SHIELD
- FM APPROVED

RATED CAPACITY	DIMENSIONS											
	A	B	C	D	E	F	G	H	I	J	K	L
100-200LB	5.37	1.38	1.75	1.00	3.63	-	0.53	-	-	-	0.19	-
500LB-2K	6.12	1.38	1.75	1.00	4.00	0.69	0.53	1.09	-	-	0.50	-
Load Cup #654	-	-	-	-	-	-	-	-	1.06	1.62	-	-
Load Bearing #658	-	-	-	-	-	-	-	-	-	-	-	0.81

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CG-TB2 SINGLE ENDED BEAM LOAD CELL

APPROVALS		DATE
DRAWN: MTSI		10/01/08
CHECKED: MB		10/01/08
ENGINEER: AA		10/01/08
APPROVED: AA		10/01/08
MATERIAL		
STAINLESS STEEL		

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TOLERANCES UNLESS OTHERWISE SPECIFIED
 .XX \pm 0.01
 .XXX \pm 0.005
 FRACTIONS \pm 1/16"
 ANGLES: \pm 1/2°

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-TB2	C
MODEL CG-TB2			SHEET 1 OF 1