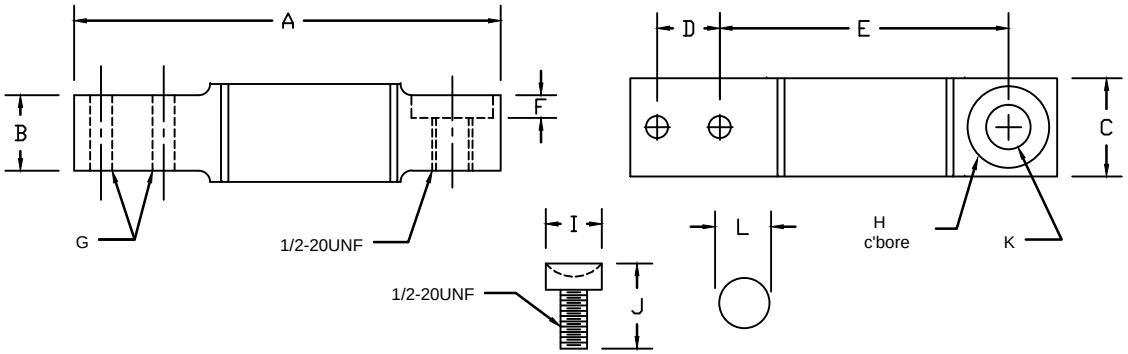
REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	C	REDRAWN FOR LABELING CONSISTENCY	01/12/16	2016-04	TB	AB	AA



#654 Load Cup #658 Bearing

PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 100LB, 200LB, 500LB, 1K, & 2K LB
2. RATED OUTPUT: 2.00 mV/V ±0.1%
3. SAFE OVERLOAD: 150% FS
4. EXCITATION VOLTAGE: 10-20V AC/DC
5. INPUT RESISTANCE: 480 ± 10 OHMS
6. OUTPUT RESISTANCE: 440 ± 3 OHMS
7. ZERO BALANCE: ±1.00% FS
8. SEAL TYPE: ENVIRONMENTALLY SEALED
9. NON-LINEARITY: ±0.03% FS
10. HYSTERESIS: ±0.03% FS
11. REAPEATABLITY: ±0.01% FS
12. CREEP: ±0.02% FS
13. COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
14. TEMPERATURE EFFECT ON ZERO: ±0.0027%FS/°C
15. TEMPERATURE EFFECT ON OUTPUT: ±0.0015%FS/°C
16. INSULATION RESISTANCE: >5000 MEGOHMS
17. LOAD CELL CABLE: 6 CONDUCTOR, 30 FT
18. LOAD CELL WIRING:
    - WHITE +EXC
    - BLUE -EXC
    - GREEN +SIG
    - BLACK -SIG
    - YELLOW +SENSE
    - RED -SENSE
    - BRAID: SHEILD
19. 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"

THIS DRAWING USES THIRD ANGLE PROJECTION

TOLERANCES UNLESS OTHERWISE SPECIFIED
.XX-±.01
.XXX-±.005
FRACTIONS-±1/16"
ANGLES: ±1/2"

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

COTI GLOBAL SENSORS, INC.

CG-TB2 SINGLE ENDED BEAM LOAD CELL

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-TB2	C

MODEL CG-TB2 SHEET 1 OF 1