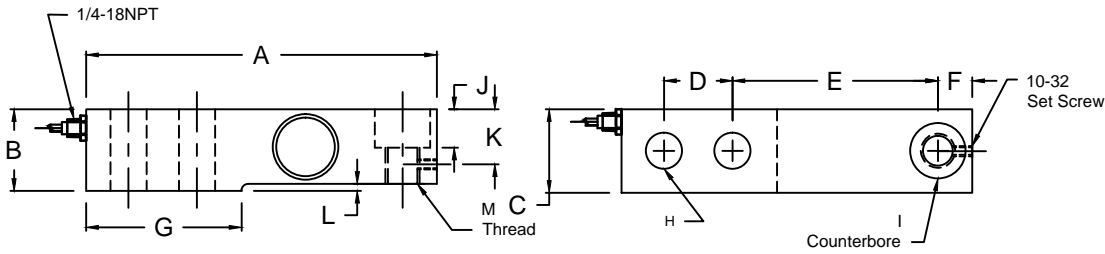


REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	10/01/08	-	-	-	-
-	-	EDIT DIMENSION TABLE	9/09/09	-	-	-	-
-	C	REDRAWN FOR LABELING CONSISTENCY	01/02/16	2016-75	TB	AB	AA



- PERFORMANCE SPECIFICATIONS:**
- CAPACITIES: 1K, 2.5K, 4K, 5K, & 10K LB
 - RATED OUTPUT: 3.00 mV/V \pm 0.1%
 - SAFE OVERLOAD: 150% FS
 - EXCITATION VOLTAGE: 10-20V AC/DC
 - INPUT RESISTANCE: 1080 \pm 10 OHMS
 - OUTPUT RESISTANCE: 1000 \pm 5 OHMS
 - ZERO BALANCE: \pm 1.00% FS
 - SEAL TYPE: ENVIRONMENTALLY SEALED IP67
 - 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: 4 CONDUCTOR, 20 FT
 - LOAD CELL WIRING:
 - GREEN +EXC
 - BLACK -EXC
 - WHITE +SIG
 - RED -SIG
 - BRAND/YELLOW: SHIELD
 - FM APPROVED

RATED CAPACITY	DIMENSIONS												
	A	B	C	D	E	F	G	H	I	J	K	L	M
1K-4K	5.12	1.19	1.21	1.00	3.00	0.60	2.27	0.52	0.81	0.56	0.80	0.062	1/2-20UNF
5K	6.75	1.44	1.45	1.50	3.75	0.75	3.00	0.78	1.19	0.79	1.00	0.090	3/4-16UNF
10K	6.75	1.69	1.69	1.50	3.75	0.75	3.00	0.78	1.19	0.79	1.30	0.090	3/4-16UNF

'DO NOT ALTER WITHOUT AGENCY NOTIFICATION'

COTI GLOBAL SENSORS, INC.

CG-BLC-C SINGLE ENDED BEAM LOAD CELL

	THIS DRAWING USES THIRD ANGLE PROJECTION	APPROVALS	DATE
	TOLERANCES UNLESS OTHERWISE SPECIFIED .XX-±.01 .XXX-±.005 FRACTIONS-±1/16" ANGLES: ±1/2°	DRAWN: DH	9/09/09
		CHECKED: MB	9/09/09
		ENGINEER: DH	9/09/09
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED FOR ANY PURPOSE OR USED TO PRODUCE THE ARTICLE OR SUBJECT WITHOUT WRITTEN PERMISSION FROM COTI GLOBAL SENSORS, INC.	APPROVED: AA	9/09/09	
	MATERIAL	STAINLESS STEEL	

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