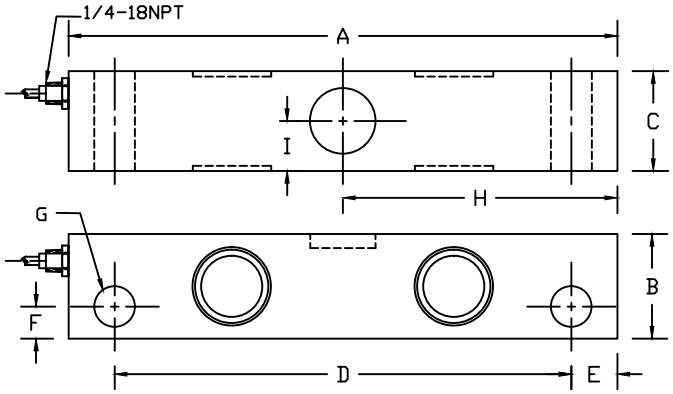
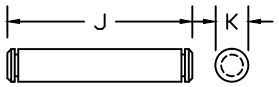
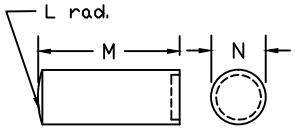
REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
–	–	INITIAL RELEASE	10/01/08	–	–	–	–





#600
Support Pin



#602
Rocker Pin

PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 40K & 50K LB
2. RATED OUTPUT: 3.00 mV/V
3. SAFE OVERLOAD: 150% FS
4. EXCITATION VOLTAGE: 10-20V AC/DC
5. INPUT RESISTANCE: 700 ± 10 OHMS
6. OUTPUT RESISTANCE: 700 ± 5 OHMS
7. ZERO BALANCE: ±1.00% FS
8. SEAL TYPE: WELDED SEALED
9. NON-LINEARITY: ±0.03% FS
10. HYSTERESIS: ±0.02% 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: 4 CONDUCTOR, 60 FT BRAIDED SHIELD
18. LOAD CELL WIRING:
    - GREEN +EXC
    - BLACK -EXC
    - WHITE +SIG
    - RED -SIG
    - BRAID/YELLOW: SHEILD
19. FM APPROVED

RATED CAPACITY	DIMENSIONS													
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
40K-50K	10.50	2.00	1.91	8.75	0.88	0.61	0.78	5.25	0.95	–	–	–	–	–
#600 Support Pin	–	–	–	–	–	–	–	–	–	4.25	0.75	–	–	–
#602 Rocker Pin	–	–	–	–	–	–	–	–	–	–	–	12.00	3.25	1.25

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

THIS DRAWING USES THIRD ANGLE PROJECTION

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TOLERANCES UNLESS OTHERWISE SPECIFIED
.XX-Ñ.01
.XXX-Ñ.005
FRACTIONS-Ñ1/16"
ANGLES: Ñ1/2"

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-STR-SSW DOUBLE ENDED BEAM LOAD CELL

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CG-STR-SSW	B

MODEL CG-STR-SSW
SHEET 1 OF 1