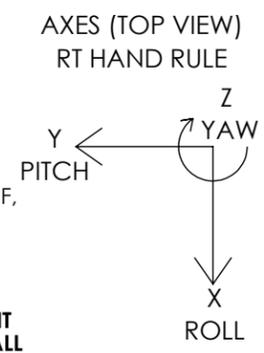
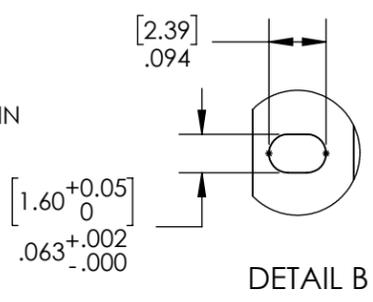
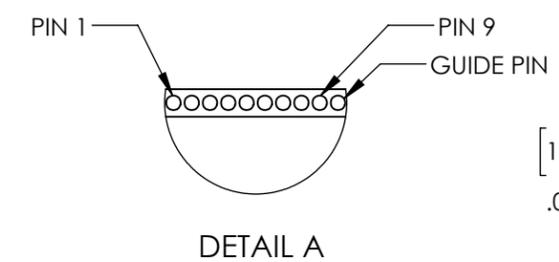
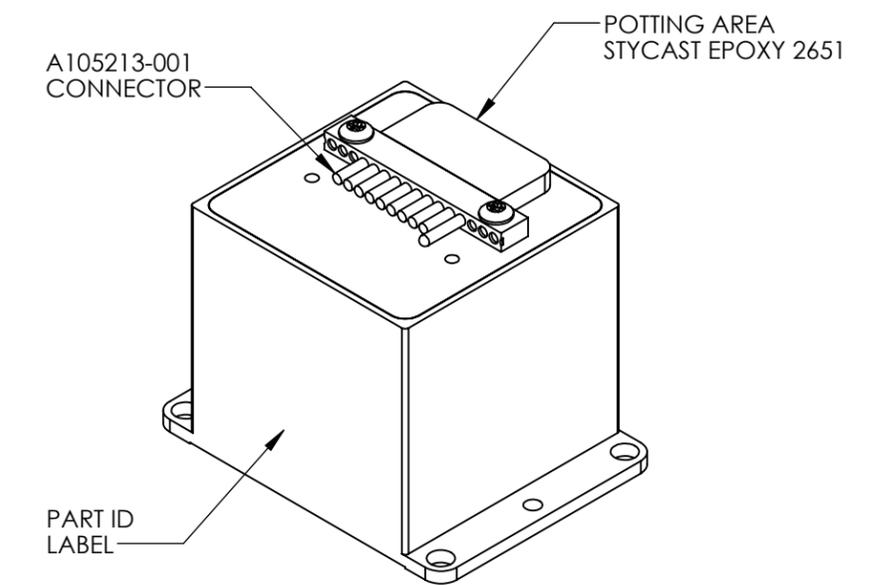
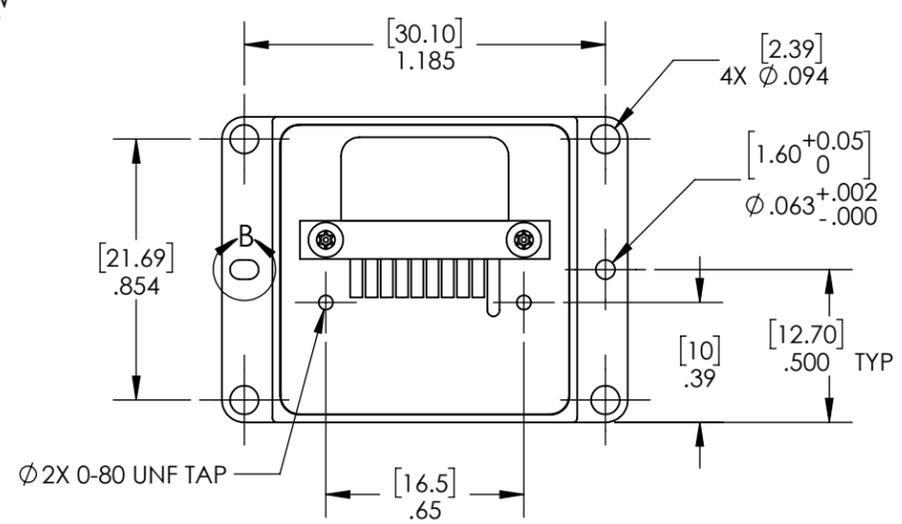


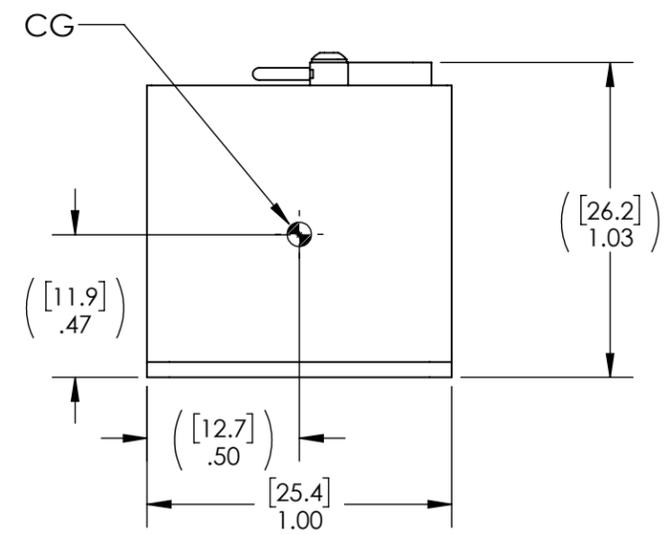
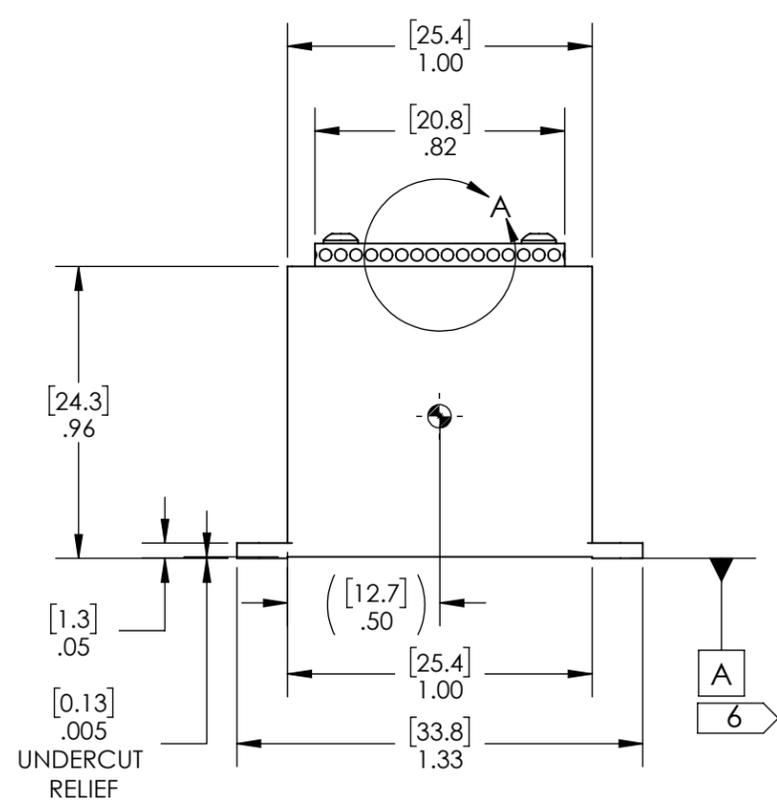
- NOTES:
- USE ESD PROTECTION WHEN HANDLING
 - PACKAGE WITH ESD SENSITIVE BAG
 - POWER VOLTAGE RANGE: +2.7VDC TO +3.6VDC
 - WEIGHT: ≤ 28g
 - FINISH: BLUE ANODIZE PER MIL-A-8625 TYPE II, CLASS II
 - SURFACE [A] CHROMATE CONVERSION PER MIL-DTL-5541F, TYPE 1, CLASS 3**
 - UNIT MOUNTING SURFACE FLATNESS MAX: $\square .001$
 $\square .025\text{mm}$
 - UNIT MOUNTING SCREW TORQUE: 32 in-oz [23 N-cm] **(UNIT SHALL BE MOUNTED USING ALL 4 MOUNTING SCREWS AT ALL TIMES)**
 - ANY UNUSED PINS MUST BE CONNECTED TO SIGNAL GROUND
 - SHIPS WITH:
 - A105214-001 MATING CONNECTOR AND 2X 0-80 X 5/32" PAN HEAD CAP SCREWS
 - 4X 2-56 X 3/8" SS BUTTON HEAD CAP SCREWS OR M2 X 0.4 X 6mm METRIC SOCKET HEAD CAP SCREWS



REVISIONS					
ZONE	ECN	REV.	DESCRIPTION	DATE	APPROVED
		NEW	UPDATED LMRK01IMU PINOUTS FOR -101 CONFIGURATION	12/28/2017	MEA
	ECR 1043	A	UPDATED PART NUMBER TO: LMRK01-490-10-100 FROM LMRK01-490-10-101	09/11/2018	KMN



PIN NO.	PIN ASSIGNMENT	COLOR
1	RS-422/ 485 A (+)	BLACK
2	RS-422/ 485 B (-)	BROWN
3	POWER GROUND	RED
4	ANALOG/ DIGITAL IN (0V TO 3.6V)	ORANGE
5	+2.7V TO +3.6V MAX INPUT POWER	YELLOW
6	EXTERNAL SYNC INPUT (UP TO 5kHz)	GREEN
7	NOT CONNECTED	BLUE
8	SIGNAL GROUND	PURPLE
9	SELF TEST IN (3.3V = TEST)	GREY



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UNLESS OTHERWISE SPECIFIED		CONTRACT NO.		GLADIATOR TECHNOLOGIES SNOQUALMIE, WA	
ALL DIMENSIONS ARE IN INCHES AND () METRIC - TOLERANCES UNLESS SPECIFIED ARE:	TOL.	.XX	±.01	DRAWN	JTZ 12/28/17
		.XXX	±.002	CHECKED	MEA 12/28/17
FINISH: SEE NOTES	INTERPRET DRAWING PER ASME Y14.100 BREAK ALL SHARP EDGES	ANGLE	±X	MECH. ENG.	JTZ 12/28/17
				Q.A.	RCB 12/28/17
				DSGN. ENG.	RHH 12/28/17
				APPD.	MKC 12/28/17
DASH NO.	NEXT ASSY DWG	TOP LEVEL APPLICATION	PRECIOUS METAL INDICATOR CODE A	SCALE:	TITLE: LMRK01-IMU SX SERIES
				SIZE: B	DWG. NO. 990-LMRK01IMU-490-10-100
					REV. A
				CAGE CODE: 47L11	SHEET: 1 OF 1

