

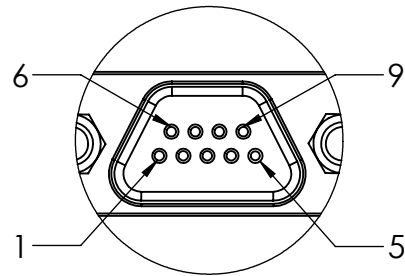
NOTES:

- USE ESD PROTECTION WHEN HANDLING
- PACKAGE WITH ESD SENSITIVE BAG
- POWER VOLTAGE RANGE: +3.8V TO +5.5V
- MASS: ≤ 43g
- ANODIZE PER MIL-A-8625 TYPE II CLASS II, BLUE
- ANY UNUSED INPUTS (PINS 4, 6, 8) MUST BE CONNECTED TO SIGNAL GROUND (PIN 7)
- SHIPS WITH HADWARE:
 - 220-0001-001 BRASS JACK SCREWS
 - MWDM4L-9PSB MATING CONNECOR
 - 3X 2-56 X 3/8 MOUNTING SCREWS

REVISIONS					
ZONE	ECN	REV.	DESCRIPTION	DATE	APPROVED
	DCR 285	C	UPDATED UNIT POWER VOLTAGE FROM (+2.7V TO 3.6V) TO (+3.8V TO +5.5V), UPDATED THE UNIT WEIGHT TO ≤ 43g, UPDATED EXTERNAL SYNC VALUES (PIN 6) FROM (1kHz OR 1pps) TO (5kHz 3.3V LOGIC), AND UPDATED PIN 9 TO CASE	05/24/2017	MEA
	ECR 1050	D	UPDATED SHIPPED WITH NOTE WITH MATING ALUMINUM MIL-DTL-83513 9-PIN CONNECTOR	10/08/2019	DGS

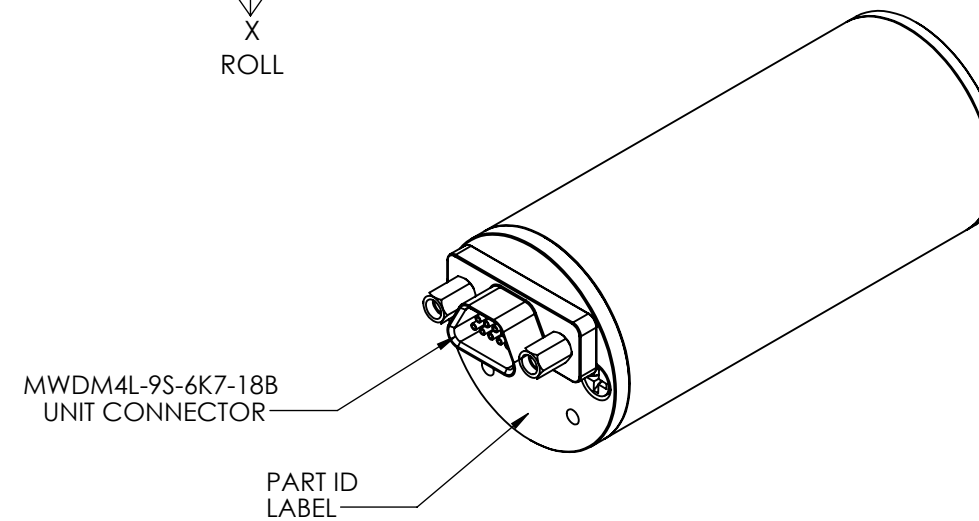
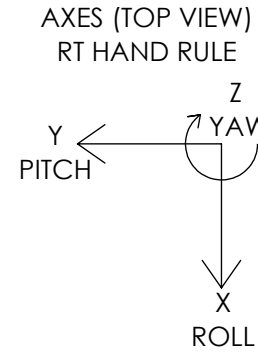
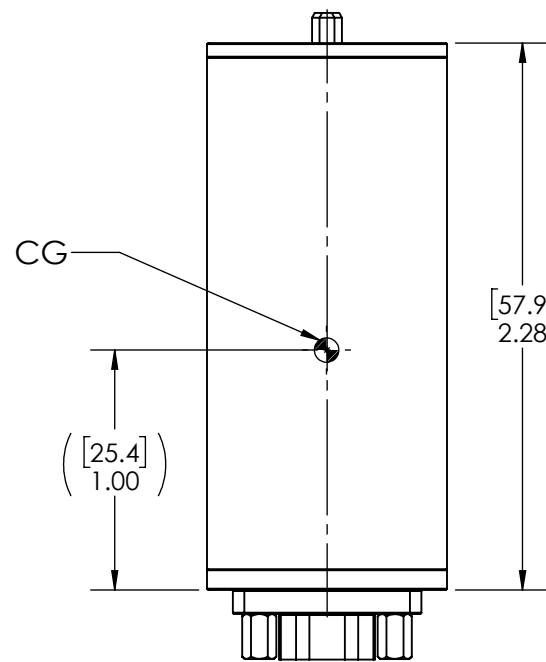
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DETAIL A

PIN NO.	ASSIGNMENT
1	RS-485 A (+)
2	RS-485 B (-)
3	POWER GROUND
4	ANALOG/ DIGITAL INPUT (0V - 3.6V)
5	+3.8V TO +5.5V MAX INPUT POWER
6	EXTERNAL SYNC INPUT (5kHz 3.3V LOGIC)
7	SIGNAL GROUND
8	SELF TEST IN (3.3V LOGIC)
9	CASE

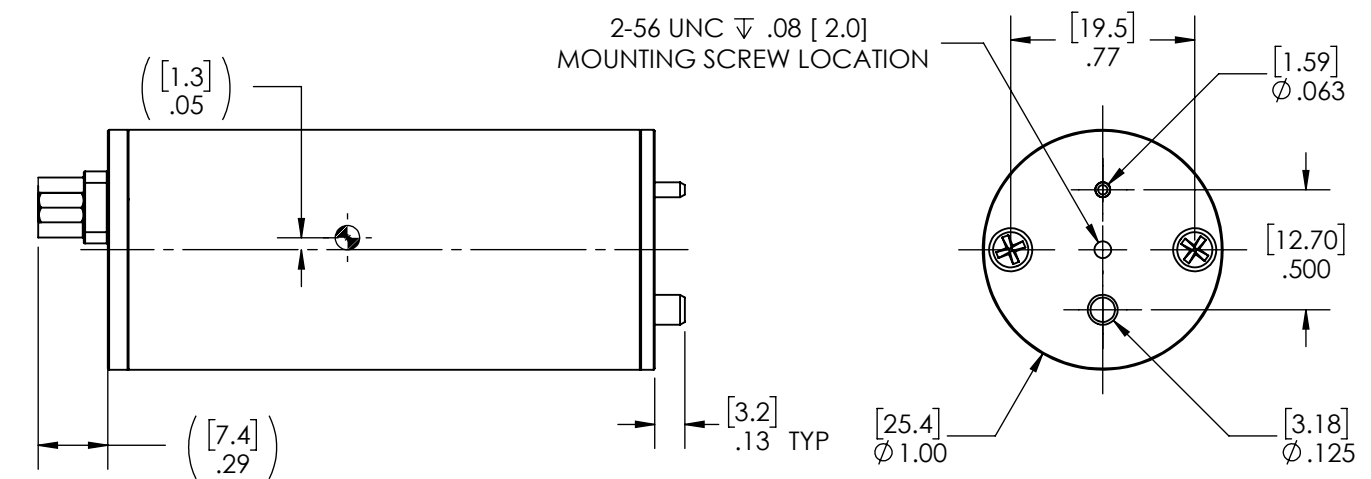
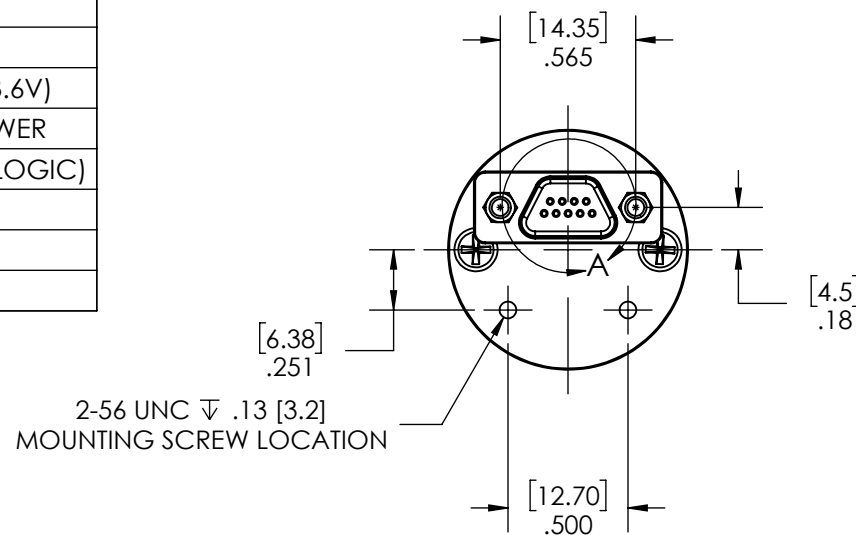


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UNLESS OTHERWISE SPECIFIED		CONTRACT NO.		GLADIATOR TECHNOLOGIES SNOQUALMIE, WA	
ALL DIMENSIONS ARE IN INCHES AND () METRIC - TOLERANCES UNLESS SPECIFIED ARE:	TOL.	.XX	±.01	DRAWN	JTZ 09/28/16
		.XXX	±.002	CHECKED	MEA 09/28/16
FINISH:	INTERPRET DRAWING PER ASME Y14.100 BREAK ALL SHARP EDGES	ANGLE	±X	MECH. ENG.	JTZ 09/28/16
				Q.A.	MEA 09/28/16
				DSGN. ENG.	RHH 09/28/16
FINAL ASSY APPLICATION	PRECIOUS METAL INDICATOR CODE A			APPD.	MKC 09/28/16
TITLE: DIGS100 NG OUTLINE				SIZE: B	DWG. NO. 990-DIGS100
SCALE:				CAGE CODE: 47L11	REV. D
				SHEET: 1 OF 1	