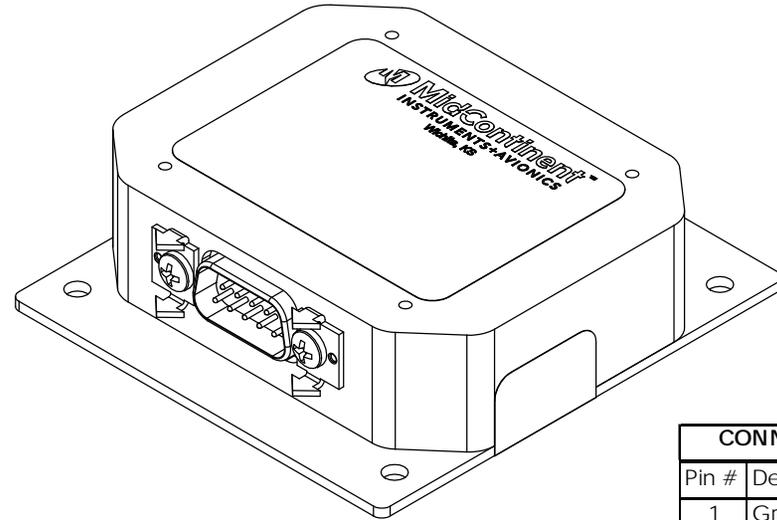
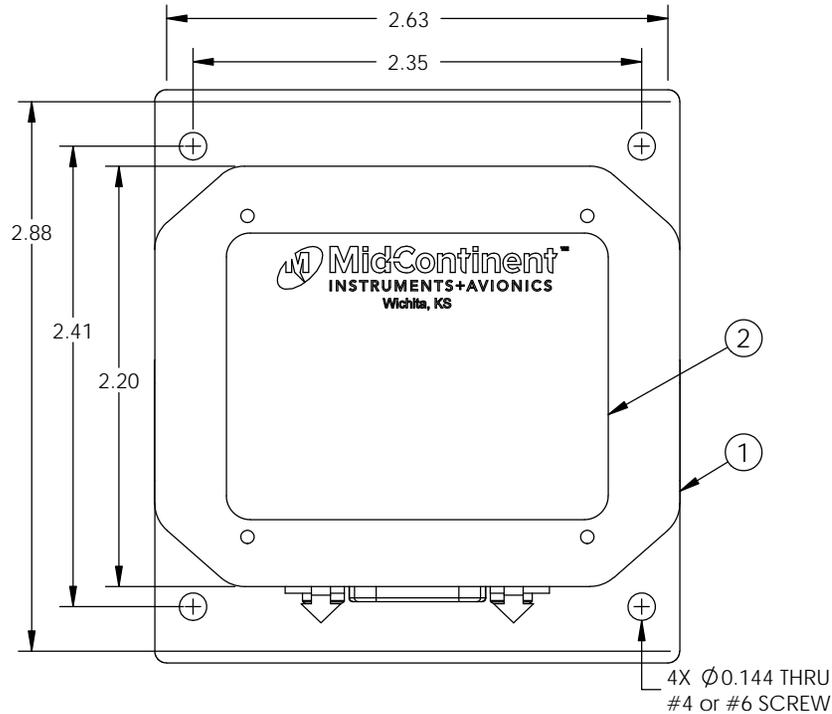
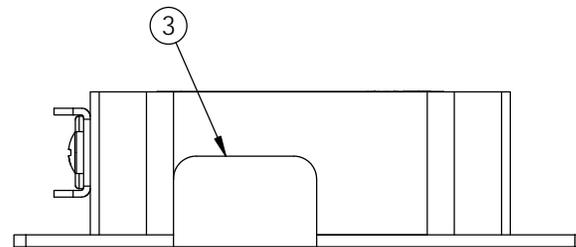
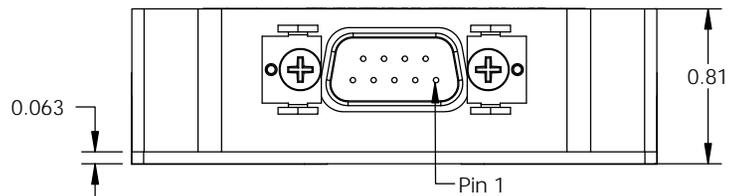


Configuration	
Dash #	
-1	As shown

Revision				
ECO	Rev	Description	Date	Approved
	A	Production release.	02/16/18	VAA/BAW
6883	B	Added RTCA DO-178C, Level A and changed mating connector number from 8017287 to 9019092-1.	03/14/18	VAA/CAS



CONNECTOR PINOUT	
Pin #	Description
1	Ground
2	Not Used
3	Reserved
4	Reserved
5	Power
6	ARINC Out B
7	ARINC Out A
8	Not Used
9	Not Used



SPECIFICATIONS

Model	MD32
Power Input	7 to 32 VDC, 0.56 watts maximum
Weight	3.0 oz
Qualifications	RTCA DO-160G; RTCA DO-178C, Level A FAATSO-C6e (part of an incomplete system)
Output	ARINC 429 Custom Format
Temperature	-55°C to +70°C
Altitude	55,000 feet
Mating Connector	MCIA P/N 9019092-1
Case	Anodized Aluminum, Black
Install Manual	9019050

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.
TOLERANCE:
FRACTIONAL = ±1/64
.XX = ±0.015
.XXX = ±0.005
.XXXX = ±0.002
ANGULAR = ±0.5°
WEIGHT N.T.E. +5%
BREAK ALL SHARP EDGES
THREADS PER MIL-S-7742

DRAWN:
VAA
12/20/2017

APPROVED:
BAW
02/16/2018

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TITLE:
Remote Magnetometer

SCALE: 1:1

DO NOT SCALE THIS DRAWING



PART NUMBER:
6420032

SHEET: 1 of 1

Item	Qty	Part Number	Description
1	1	9019051-1	Assy, Remote Magnetometer, MD32
2	1	9019052-1	Nameplate, MD32
3	2	6018956	Decal, Warranty