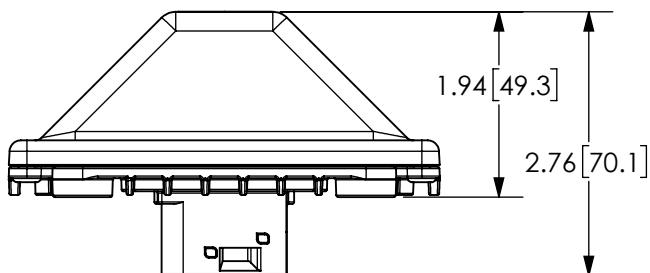
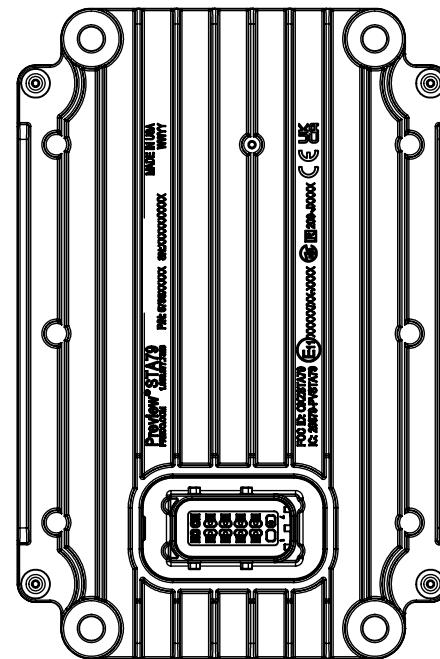
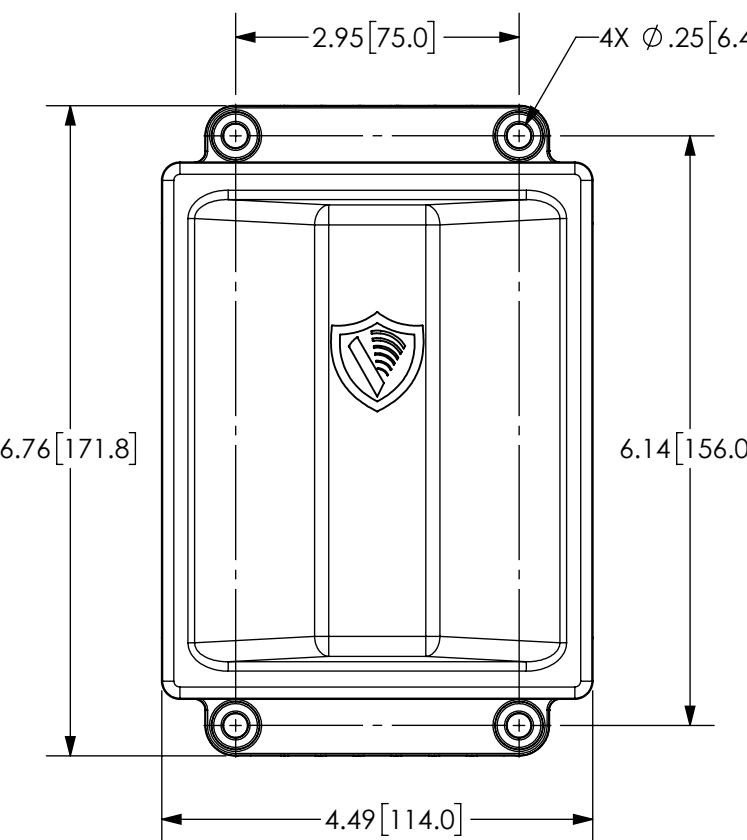
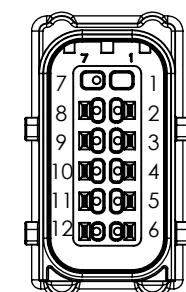


NOTES:
 1. Torque mounting hardware to 22 in-lb [2.5 Nm] maximum.
 2. Marking is laser engraved on the back of the sensor.

ZONE	REV.	REVISION DESCRIPTION	ECO NO.	DATE
	1	1ST ISSUE; TB	ECO-555432	20-JUL-2023
	2	2ND ISSUE; TB	ECO-589992	31-JAN-2024



CONNECTOR PINOUT	
PIN	DESCRIPTION
1	NOT USED
2	AUXILIARY OUTPUT (ACTIVE LOW)
3	CAN2 HIGH
4	CAN1 HIGH
5	KL15 INPUT
6	BATTERY POWER INPUT (+)
7	NOT USED
8	TRIGGER INPUT
9	CAN2 LOW
10	CAN1 LOW
11	DISPLAY POWER OUTPUT (+)
12	GROUND



CONNECTOR END VIEW
TE GET64, HDSCS 12 PIN
SCALE 1:1

EXPERIMENTAL

MODEL NUMBER:
Sensata Model Number: TBD

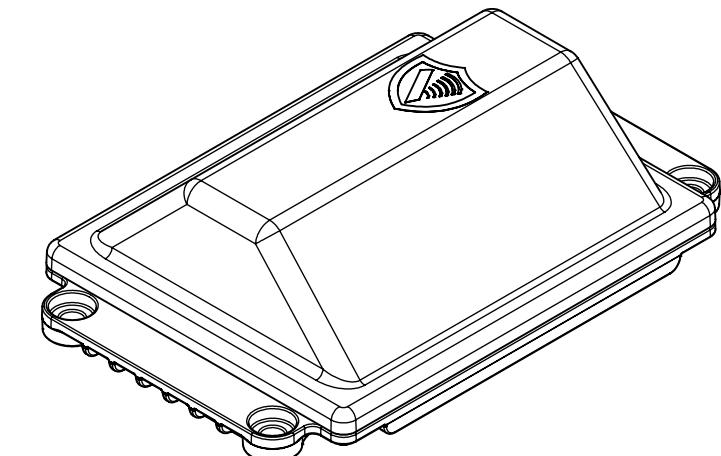
OBJECT DETECTION:
Azimuth FoV: 180° (± 90°)
Vertical FoV: 7° (± 3.5°)
Detection Length From Side: STA Mode = 5 m, LCA Mode = 3 m
Detection Range to Front of Vehicle: Configurable up to 10 m
Detection Range to Rear of Vehicle: Configurable up to 50 m

PHYSICAL SPECIFICATIONS:
Overall Dimensions: 4.49 x 6.76 x 2.76
[114.0mm x 171.8 x 70.1]
Weight: 1.0 lbs [454 g]
Sensor Connector: TE GET64, HDSCS 12 Pin, Terminal Plating: Gold,
Mating Connector: TE P/N 1-1703639-1
Mounting: Four 0.25 [6.4] diameter holes
Sensor Hardware Included: Four each - #10-24 x 1.0 in cap screws,
#10 SS flat washers, #10-24 Nylock nuts, NOTE 1
Radome Material: PC-ABS, UV resistant
IP Classification: IP6K9K (IP6K7)
Operating Temperature: -40° to +85°C
Storage Temperature: -55° to +105°C

ELECTRICAL SPECIFICATIONS:
Operating Voltage: 9 to 33 V DC
Maximum Input Current: 600 mA
Spike Protection: ± 200 V transients
Polarity: Negative ground, polarity protected

COMMUNICATION / INTERFACE:
J1939 CAN: Unterminated ECU
J1939 CAN Baud Rate: 250 kbps (S2TA79)
or 500 kbps (STA79)
Diagnostics: UDS

REGULATORY COMPLIANCE:
FCC Compliance: OXZSTA79
IC ID: 20379-PVSTA79
E-Mark: XXXXX/XX-XXXX



FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.
PARTS MADE TO THIS PRINT MUST CONFORM TO E9898 REV. E.

DRAWN
T. BREITENBACH
DATE 20-JUL-2023

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COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

ENGINEER
TIANYU CHENG
DATE 20-JUL-2023

INTERPRET DIMENSIONING AND TOLERANCING
PER ASME Y14.5-2009. UNLESS OTHERWISE
SPECIFIED DIMENSIONS ARE IN INCHES [MM].

APPROVED
DATE

DECIMALS
X.XX ±0.1
X.XX ±0.02
X.XXX ±0.005
X.XXXX ±0.0025

APPROVED
DATE

ANGLES
±0.5°
TOLERANCES
DO NOT
SCALE
DRAWING
THIRD ANGLE
PROJECTION


Sensata
Technologies
10335 W EMERALD ST
BOISE, ID 83704
+1 (208) 323-1000
PreView®
RADAR SYSTEMS

TITLE
INTERFACE CONTROL DRAWING,
79GHz SIDE TURN ASSIST

SIZE DWG NO. REV.
B PD1S001 2
SCALE 1:2 SOLIDWORKS SHEET 1 OF 2

D

D

C

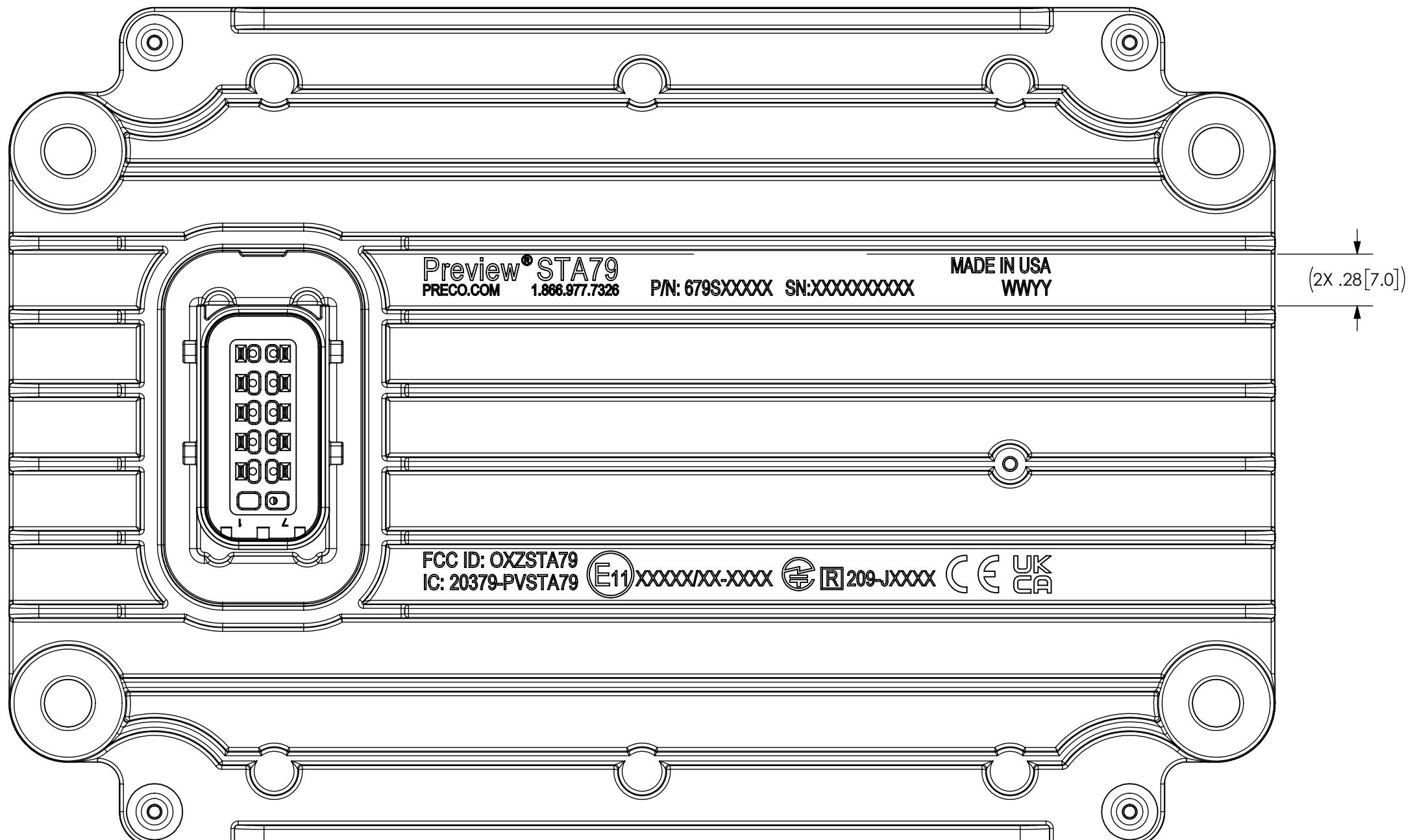
C

B

B

A

A

**MARKING VIEW****EXPERIMENTAL**

	Sensata Technologies	10335 W EMERALD ST BOISE, ID 83704 +1 (208) 323-1000	
SIZE	DWG NO.		REV.
B	PD1S001		2