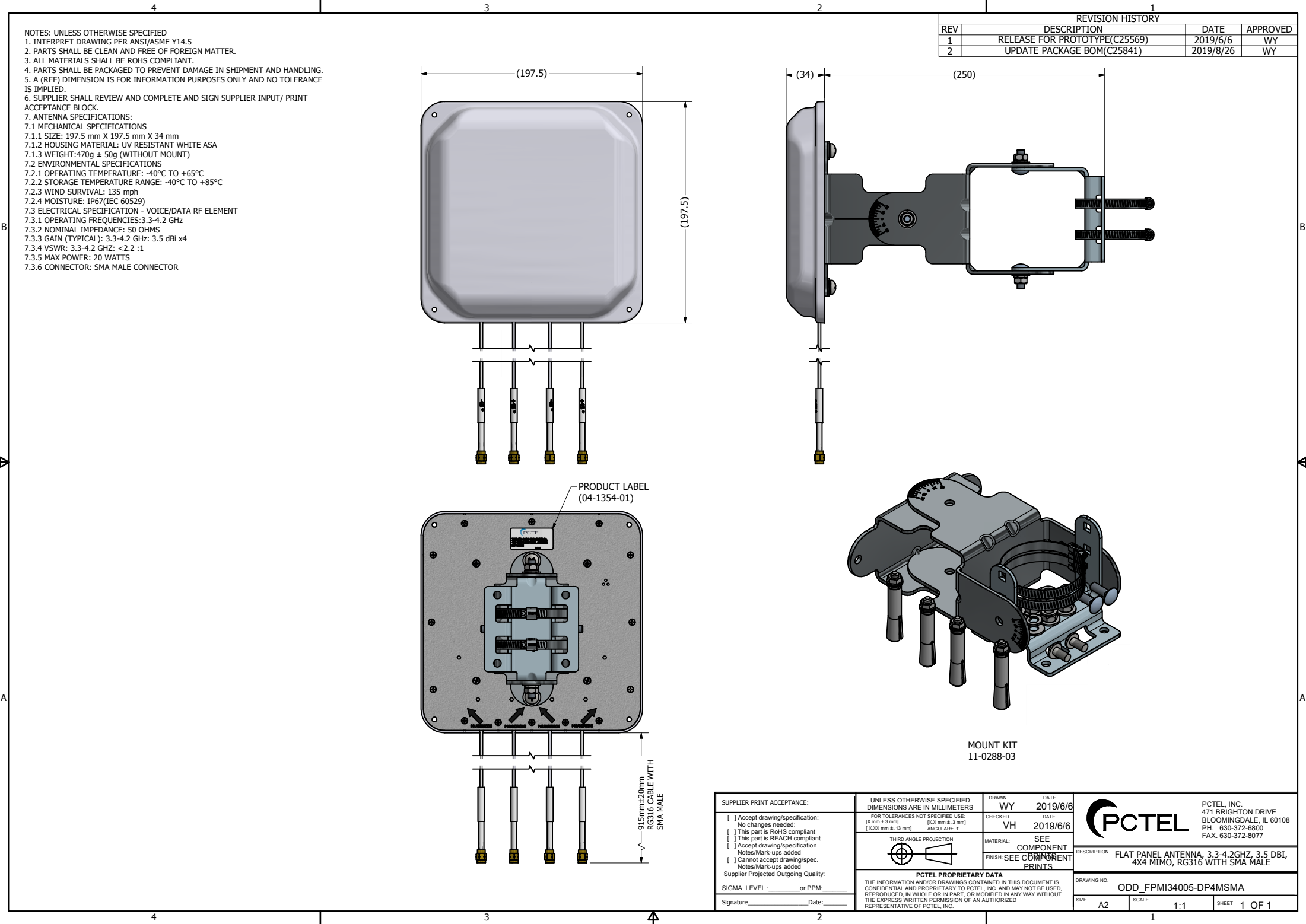
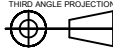




NOTES: UNLESS OTHERWISE SPECIFIED
1. INTERPRET DRAWING PER ANSI/ASME Y14.5
2. PARTS SHALL BE CLEAN AND FREE OF FOREIGN MATTER.
3. ALL MATERIALS SHALL BE ROHS COMPLIANT.
4. PARTS SHALL BE PACKAGED TO PREVENT DAMAGE IN SHIPMENT AND HANDLING.
5. A (REF) DIMENSION IS FOR INFORMATION PURPOSES ONLY AND NO TOLERANCE IS IMPLIED.
6. SUPPLIER SHALL REVIEW AND COMPLETE AND SIGN SUPPLIER INPUT/ PRINT ACCEPTANCE BLOCK.
7. ANTENNA SPECIFICATIONS:
7.1 MECHANICAL SPECIFICATIONS
7.1.1 SIZE: 197.5 mm X 197.5 mm X 34 mm
7.1.2 HOUSING MATERIAL: UV RESISTANT WHITE ASA
7.1.3 WEIGHT: 470g ± 50g (WITHOUT MOUNT)
7.2 ENVIRONMENTAL SPECIFICATIONS
7.2.1 OPERATING TEMPERATURE: -40°C TO +65°C
7.2.2 STORAGE TEMPERATURE RANGE: -40°C TO +85°C
7.2.3 WIND SURVIVAL: 135 mph
7.2.4 MOISTURE: IP67(IEC 60529)
7.3 ELECTRICAL SPECIFICATION - VOICE/DATA RF ELEMENT
7.3.1 OPERATING FREQUENCIES: 3.3-4.2 GHz
7.3.2 NOMINAL IMPEDANCE: 50 OHMS
7.3.3 GAIN (TYPICAL): 3.3-4.2 GHz: 3.5 dBi x4
7.3.4 VSWR: 3.3-4.2 GHz: <2.2 :1
7.3.5 MAX POWER: 20 WATTS
7.3.6 CONNECTOR: SMA MALE CONNECTOR

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	RELEASE FOR PROTOTYPE(C25569)	2019/6/6	WY
2	UPDATE PACKAGE BOM(C25841)	2019/8/26	WY

SUPPLIER PRINT ACCEPTANCE:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		DRAWN WY DATE 2019/6/6		 PCTEL, INC. 471 BRIGHTON DRIVE BLOOMINGDALE, IL 60108 PH. 630-372-6800 FAX. 630-372-8077
[] Accept drawing/specification: No changes needed: [] This part is RoHS compliant [] This part is REACH compliant [] Accept drawing/specification: Notes/Mark-ups added [] Cannot accept drawing/spec. Notes/Mark-ups added Supplier Projected Outgoing Quality:		FOR TOLERANCES NOT SPECIFIED USE: [X mm ± 3 mm] [X.XX mm ± .13 mm] ANGULAR ± 1°		CHECKED VH DATE 2019/6/6		
THIRD ANGLE PROJECTION 		MATERIAL: FINISH: SEE COMPONENT PRINTS		SEE COMPONENT PRINTS		
SIGMA LEVEL : _____ or PPM: _____ Signature _____ Date: _____		PCTEL PROPRIETARY DATA THE INFORMATION AND/OR DRAWINGS CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL AND PROPRIETARY TO PCTEL, INC. AND MAY NOT BE USED, REPRODUCED, IN WHOLE OR IN PART, OR MODIFIED IN ANY WAY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AN AUTHORIZED REPRESENTATIVE OF PCTEL, INC.				DESCRIPTION FLAT PANEL ANTENNA, 3.3-4.2GHZ, 3.5 DBI, 4X4 MIMO, RG316 WITH SMA MALE
SIZE A2		SCALE 1:1		DRAWING NO. ODD_FPMI34005-DP4MSMA SHEET 1 OF 1		