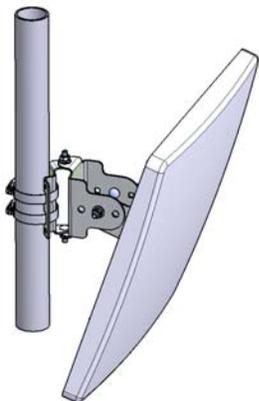
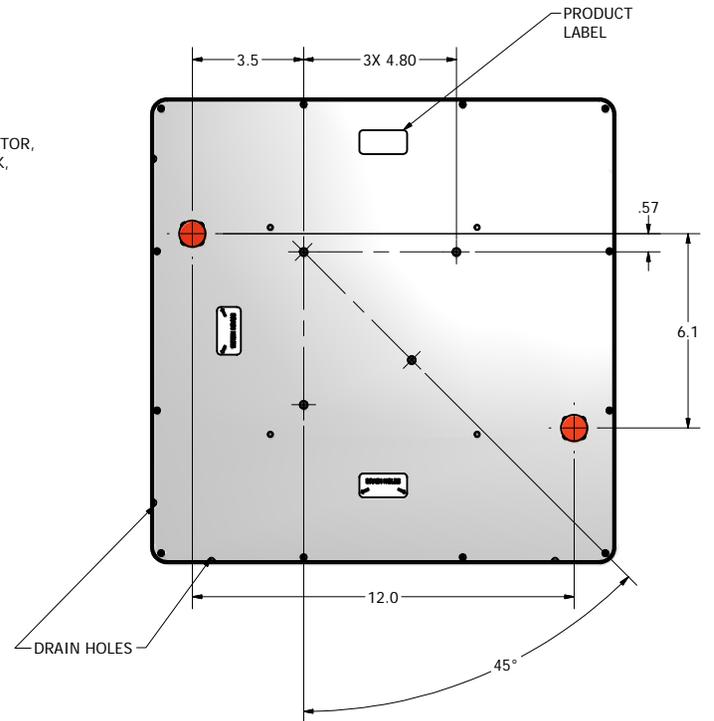
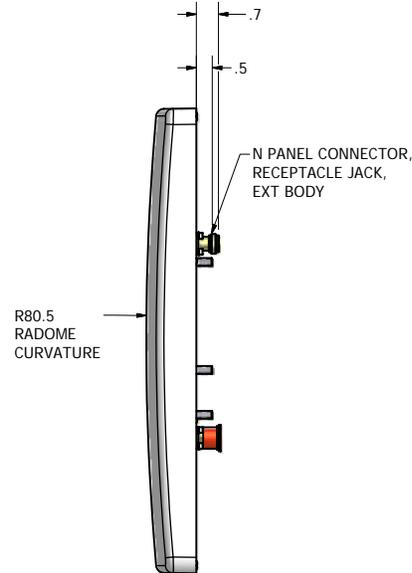
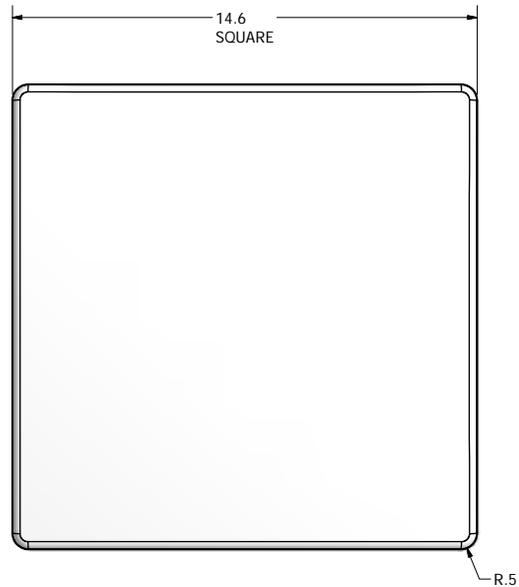


NOTES:

1. ALL MATERIALS AND PROCESSES ARE ROHS COMPLIANT
2. RADOME:
 - MATERIAL: ASA, UV STABLE
 - COLOR: LIGHT GRAY, RAL9002
3. BACK PLATE: ALUMINUM WITH STAINLESS STEEL MOUNTING STUDS
4. ADJUSTABLE MOUNT:
 - AZ AND EL ADJUST;
 - VERTICAL, HORIZONTAL CAPABLE
 - PIPE OR WALL MOUNT (WALL MOUNT HARDWARE NOT INCLUDED)
 - BRACKETS AND HARDWARE: STEEL WITH NI ZN TRIVALENT PLATING
 - BAND CLAMPS: ALL 316 STAINLESS STEEL
5. CONNECTOR: N-PANEL, RECEPTACLE JACK, EXTENDED BODY, NEXCOTE PLATE
6. RF/ELECTRICAL SPECIFICATIONS:
 - FREQUENCY RANGE: 1.8-1.83 GHz
 - RETURN LOSS: > 14 dB
 - GAIN: 15 dBi

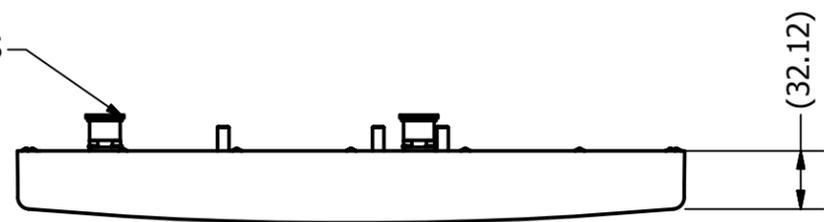
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	RELEASE FOR PILOT C04534	16JUL10	JMP



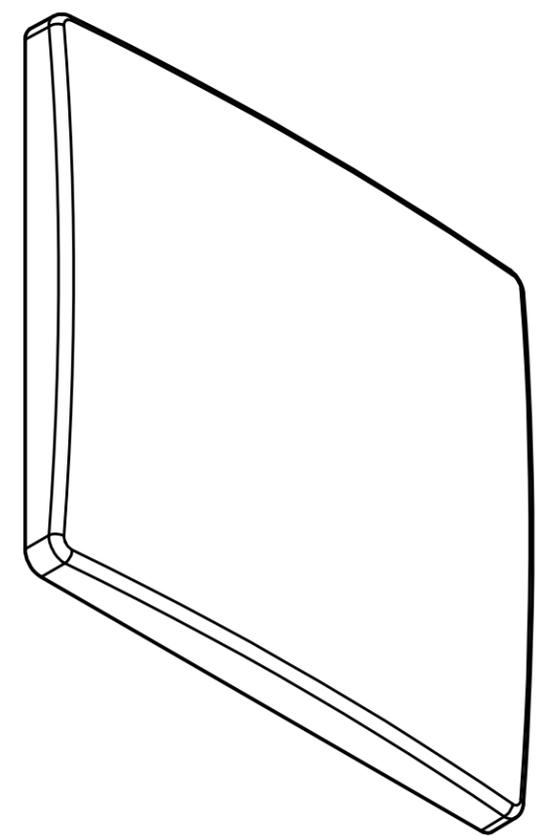
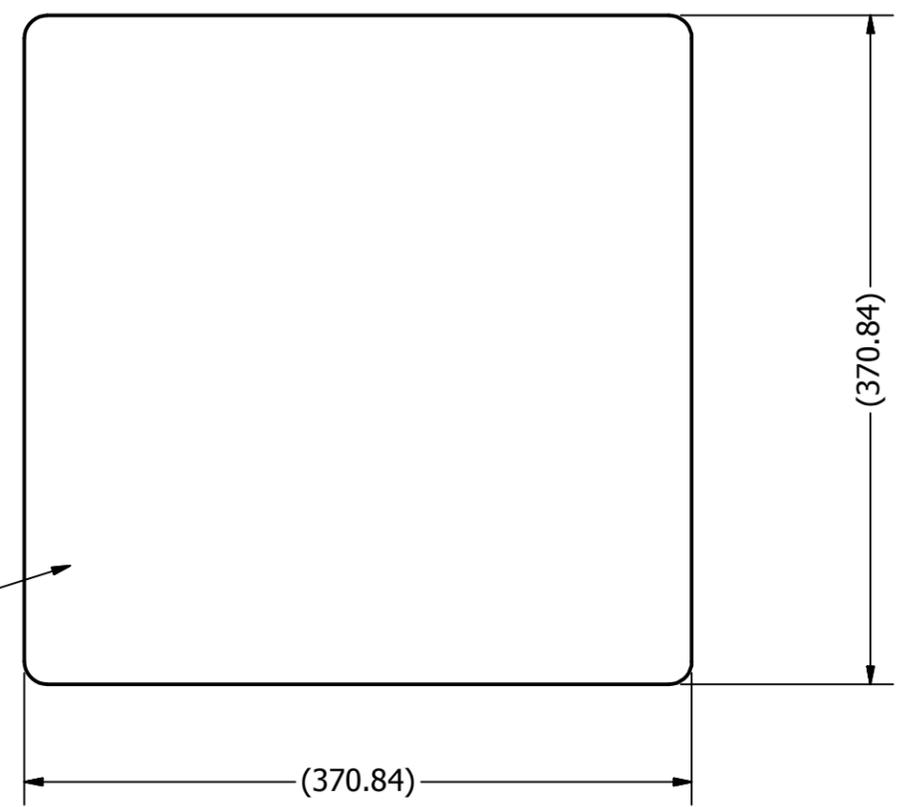
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN	DATE	 PCTEL, INC. BROADBAND TECHNOLOGY GROUP 471 BRIGHTON DRIVE BLOOMINGDALE, IL 60108 PH. 630-372-6800 FAX. 630-372-8077
	JMP	7/15/2010	
FOR TOLERANCES NOT SPECIFIED USE: X.XX ± .01, X.XXX ± .005 ANGULAR ± 1°	CHECKED	DATE	DESCRIPTION ANTENNA, PANEL, DUAL-POLARIZED, 1.8-1.83GHZ, 15 DBI GAIN
THIS ANGLE PROJECTION 	APPROVED	DATE	
PROPRIETARY DATA	SEE NOTES		DRAWING NO.
THE INFORMATION CONTAINED IN THIS DOCUMENT IS OF A PROPRIETARY NATURE. IT MAY NOT BE USED OR REPRODUCED WITHOUT EXPRESS WRITTEN PERMISSION OF PCTEL INC. BLOOMINGDALE, IL 60108	MATERIAL	SEE NOTES	ODD_FP1800-15DP
	FINISH	SEE NOTES	SIZE C SCALE NA SHEET 1 OF 1

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	ANTENNA, PANEL, DUAL POLARIZED, 2.3-2.7 GHZ, 18 DBI	08/30/2016	CE

CAP,CONN,TYPE-N SERIES



RADOME, ORTHOGON



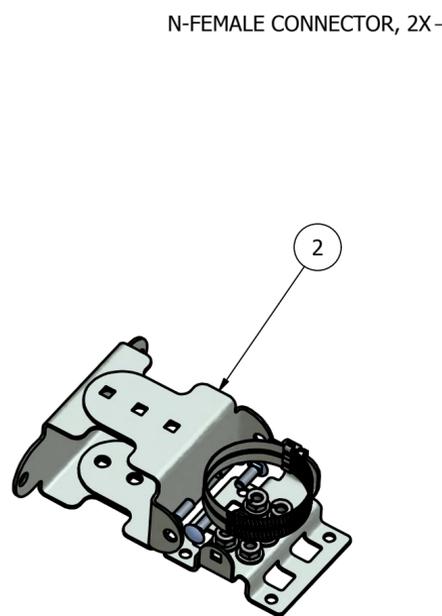
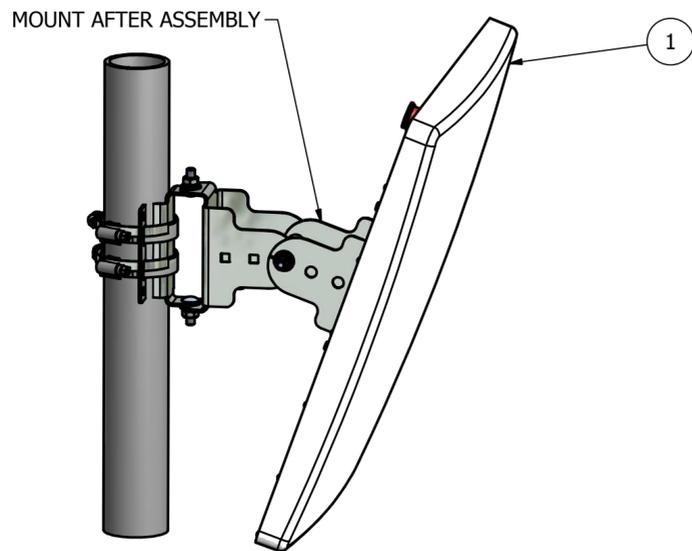
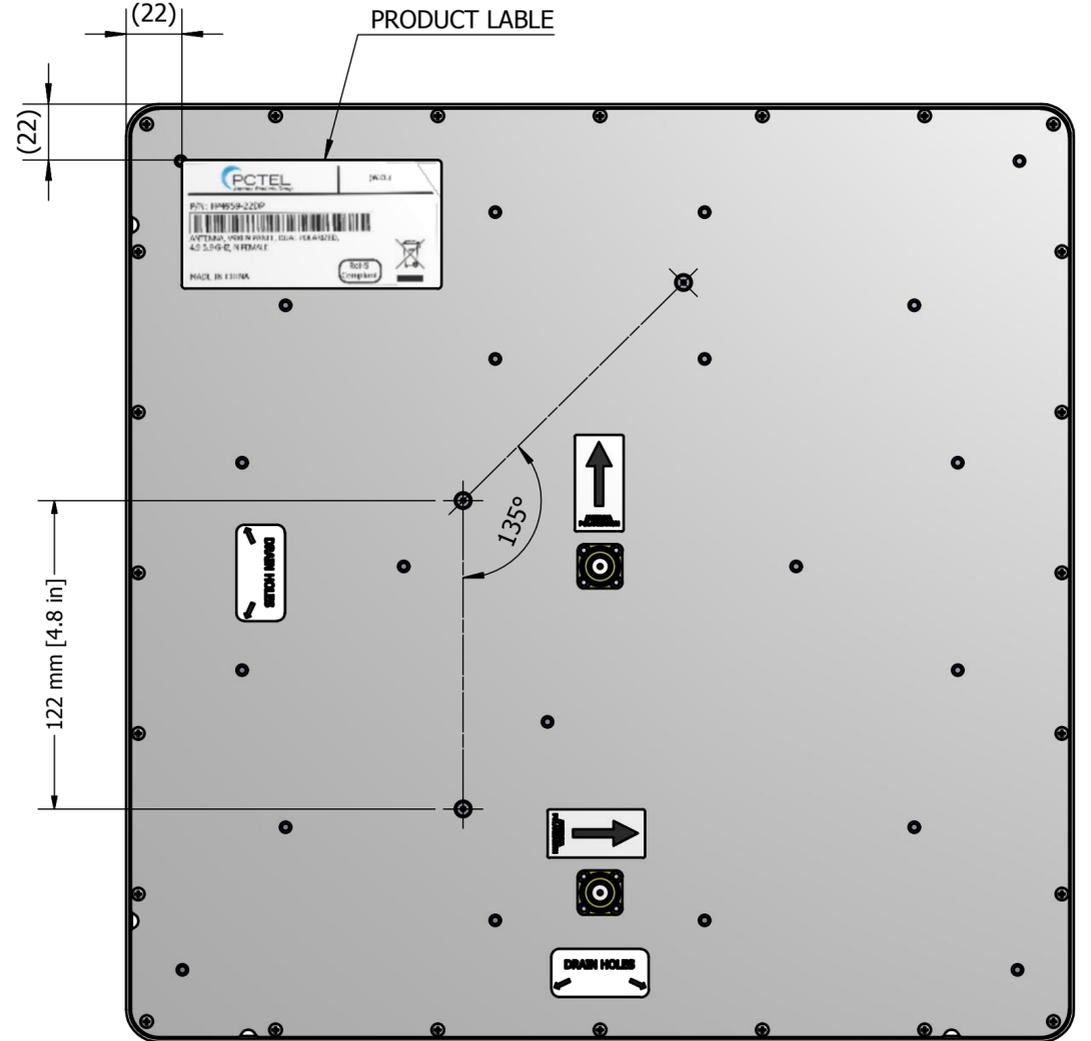
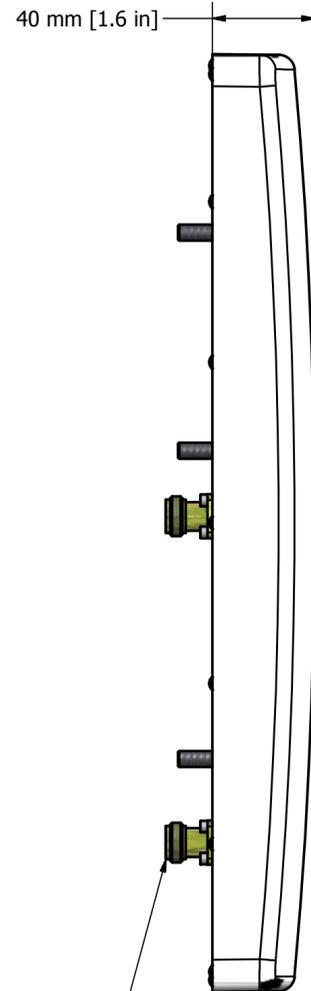
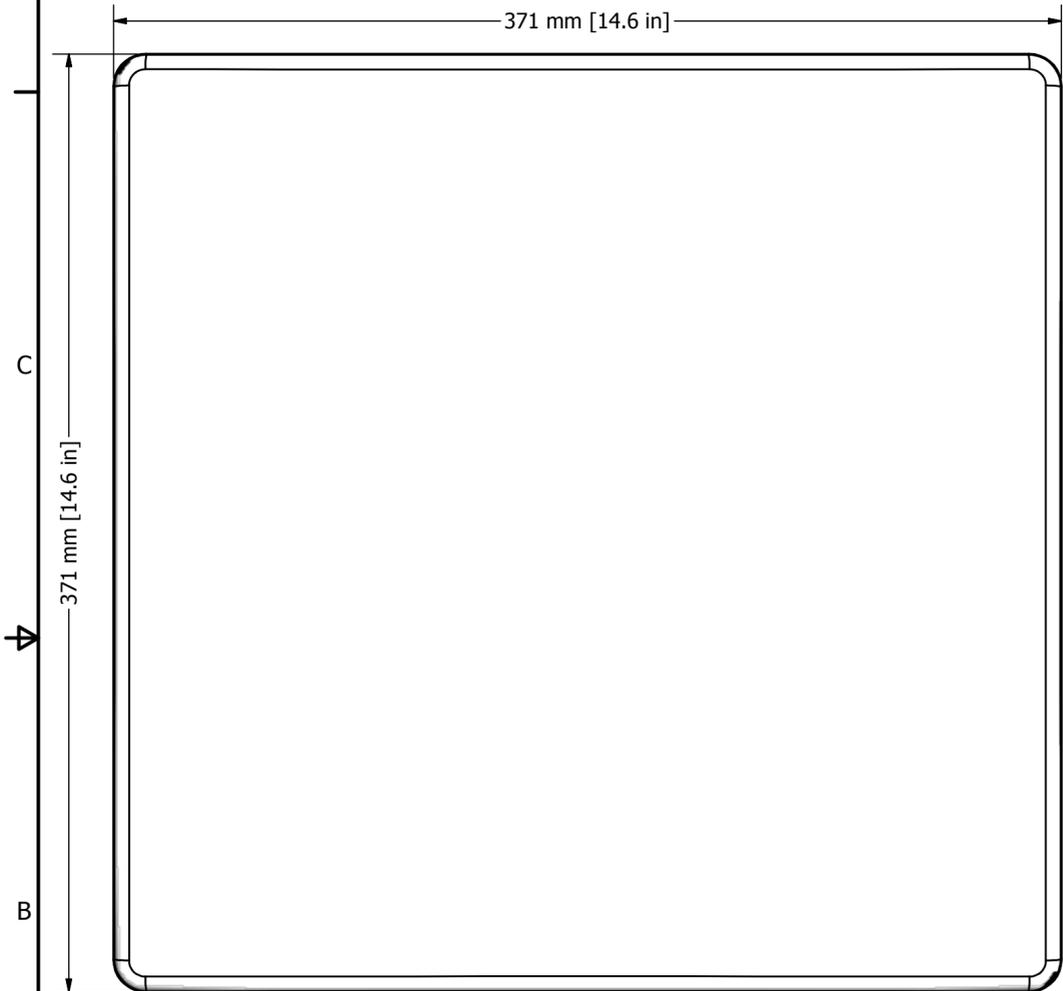
NOTES: UNLESS OTHERWISE SPECIFIED

1. A (REF) DIMENSION IS FOR INFORMATION PURPOSES ONLY AND NO TOLERANCE IS IMPLIED.

SUPPLIER PRINT ACCEPTANCE: <input type="checkbox"/> Accept drawing/specification: No changes needed: <input type="checkbox"/> This part is RoHS compliant <input type="checkbox"/> This part is REACH compliant <input type="checkbox"/> Accept drawing/specification. Notes/Mark-ups added <input type="checkbox"/> Cannot accept drawing/spec. Notes/Mark-ups added Supplier Projected Outgoing Quality: SIGMA LEVEL : _____ or PPM: _____ Signature _____ Date: _____	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS FOR TOLERANCES NOT SPECIFIED USE: [X mm ± 3 mm] [X.X mm ± .3 mm] [X.XX mm ± .13 mm] ANGULAR± 1°	DRAWN DATE CE 8/30/2016 CHECKED DATE IP 8/30/2016	PCTEL, INC. 471 BRIGHTON DRIVE BLOOMINGDALE, IL 60108 PH. 630-372-6800 FAX. 630-372-8077
	THIRD ANGLE PROJECTION 	MATERIAL: SEE COMPONENT PRINTS FINISH: SEE COMPONENT PRINTS	
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.			DRAWING NO. FP2327-18DP
		SIZE B SCALE 1:1 SHEET 1 OF 1	

- NOTES:
1. ALL MATERIALS AND PROCESSES ARE ROHS COMPLIANT
 2. RADOME:
 - MATERIAL: ASA, UV STABLE
 - COLOR: LIGHT GRAY, RAL9002
 3. BACK PLATE: ALUMINUM WITH STAINLESS STEEL MOUNTING STUDS
 4. ADJUSTABLE MOUNT:
 - VERTICAL, HORIZONTAL CAPABLE
 - PIPE MOUNT (FITS POLE SIZES: 1.63" TO 2.3" PIPE O.D.)
 - BRACKETS AND HARDWARE: STEEL WITH NI ZN TRIVALENT PLATING
 - BAND CLAMPS: ALL 316 STAINLESS STEEL
 5. CONNECTOR: N-PANEL, RECEPTACLE JACK, EXTENDED BODY, NEXCOTE PLATE
 6. RF/ELECTRICAL SPECIFICATIONS:
 - FREQ.: 4.9-5.9GHz
 - SWR < 2.0:1(1.5:1 TYPICAL)
 - GAIN: 22 dBi
 7. PACKAGE: THE ANTENNA WOULD BE PACKAGED IN A BOX WITH THE MOUNT KIT.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
2	RELEASE FOR PILOT	18SEP13	JZ
A	RELEASE TO PRODUCTION	08JAN15	JZ



PART LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FP4959-22DP	ANTENNA, V9XH9 PANEL, 4.9-5.9 GHZ
2	1	P02370	MOUNT KIT, CPE

SUPPLIER PRINT ACCEPTANCE: <input type="checkbox"/> Accept drawing/specification. No changes needed. <input type="checkbox"/> This part is RoHS compliant <input type="checkbox"/> This part is REACH compliant <input type="checkbox"/> Accept drawing/specification. Notes/Mark-ups added <input type="checkbox"/> Cannot accept drawing/spec. Notes/Mark-ups added Supplier Projected Outgoing Quality: SIGMA LEVEL: _____ or PPM: _____ Signature: _____ Date: _____		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FOR TOLERANCES NOT SPECIFIED USE: X.X in ± 1 in, X.XX in ± 0.1 in, X.XXX in ± .005 in ANGULAR ± 1°, FRACTIONAL ± 1/64 THIRD ANGLE PROJECTION 	DRAWN: JZ DATE: 2014/9/18 CHECKED: _____ DATE: _____ APPROVED: _____ DATE: _____ MATERIAL: SEE NOTES FINISH: SEE NOTES
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PCTEL, INC.
 BROADBAND TECHNOLOGY GROUP
 ANTENNA PRODUCTS
 471 BRIGHTON DRIVE
 BLOOMINGDALE, IL 60108
 PH. 630-372-6800
 FAX. 630-372-8077

DESCRIPTION: ANTENNA, V9XH9 PANEL, 4.9-5.9 GHZ, N FEMALE
 DRAWING NO.: ODD-FP4959-22DP
 SIZE: C SCALE: NA SHEET: 1 OF 1

D

D

C

C

B

B

A

A

4

3

2

1