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NOTES: UNLESS OTHERWISE SPECIFIED

1. ELECTRICAL SPECIFICATIONS:

VSWR < 2.25:1 @ 690-960 MHz  
 < 2:1 @ 1710-2170 MHz  
 < 2:1 @ 2300-2700 MHz

2. DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY AND NO TOLERANCE IS IMPLIED.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	OUTLINE DIMENSIONAL DRAWING	21MAR16	IP

Dimensions:

- Antenna Diameter: 3.46 [88.0]
- Total Length: 204.0 ± 2.0 [5182 ± 51]
- Flange Thickness: (.91 [23.1])
- Top View Diameter: 4.06 [103.1]
- Top View Height: 4.73 [120.1]
- Radius: (R2.36 [60.0])
- Offset: (1.50 [38.1])

Labels:

- PRODUCT LABEL
- TORQUE LABEL

Cable Specifications:

- LTE, 17 FT, PRO-FLEX PLUS 195 CABLE, SMA MALE
- WiFi, 17 FT, PRO-FLEX PLUS 195 CABLE, REVERSE POLARITY SMA MALE
- GNSS, 17 FT RG174, SMA MALE
- WiFi, 17 FT, PRO-FLEX PLUS 195 CABLE, REVERSE POLARITY SMA MALE
- LTE, 17 FT, PRO-FLEX PLUS 195 CABLE, SMA MALE

UNLESS OTHERWISE SPECIFIED DUAL DIMENSIONING XX.Xin [XX.Xmm]	DRAWN	DATE	 PCTEL, INC. 471 BRIGHTON DRIVE BLOOMINGDALE, IL 60108 PH. 630-372-6800 FAX. 630-372-8077
	IP	3/21/2016	
FOR TOLERANCES NOT SPECIFIED USE: X.X in ± .1 in, X.XX in ± .01 in, X.XXX in ± .005 in [X mm ± 3 mm], [X.X mm ± .3 mm], [X.XX mm ± .13 mm] ANGULAR ± 1°, FRACTIONAL ± 1/64	CHECKED	DATE	DESCRIPTION 5-PORT GNSS MULTIBAND LOW PROFILE
THIRD ANGLE PROJECTION 	MATERIAL: SEE COMP. PRINTS		
<b>PCTEL PROPRIETARY DATA</b> 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.	FINISH: SEE COMP. PRINTS		DRAWING NO. ODD_GLHPDLTEMIMO-LTB
			SIZE B
			SCALE 1:1
			SHEET 1 OF 1

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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
1	OUTLINE DIMENSIONAL DRAWING	22MAR16	IP
A	RELEASED TO PRODUCTION	02MAY16	IP
A1	UPDATED CABLE MARKERS	21JUL16	IP

Dimensions:

- (3.46 [88.0])
- 204.0 ± 2.0 [5182 ± 51]
- (.91 [23.1])
- (1.50 [38.1])
- (4.73 [120.1])
- (4.06 [103.1])
- (R2.36 [60.0])

Labels:

- PRODUCT LABEL
- TORQUE LABEL
- TORQUE TO 8.0 Nm MAX DC/SN-25314-001
- LTE/CELL
- WIFI
- GNSS
- WIFI
- LTE/CELL

Cable Specifications:

- LTE, 17 FT, PRO-FLEX PLUS 195 CABLE, SMA MALE
- WiFi, 17 FT, PRO-FLEX PLUS 195 CABLE, REVERSE POLARITY SMA MALE
- GNSS, 17 FT RG174, SMA MALE
- WiFi, 17 FT, PRO-FLEX PLUS 195 CABLE, REVERSE POLARITY SMA MALE
- LTE, 17 FT, PRO-FLEX PLUS 195 CABLE, SMA MALE

UNLESS OTHERWISE SPECIFIED DUAL DIMENSIONING XX.Xin [XX.Xmm]	DRAWN	DATE	 PCTEL, INC. 471 BRIGHTON DRIVE BLOOMINGDALE, IL 60108 PH. 630-372-6800 FAX. 630-372-8077
	IP	3/22/2016	
FOR TOLERANCES NOT SPECIFIED USE: X.X in ± .1 in, X.XX in ± .01 in, X.XXX in ± .005 in [X mm ± 3 mm], [X.X mm ± .3 mm], [X.XX mm ± .13 mm] ANGULAR ± 1°, FRACTIONAL ± 1/64	CHECKED	DATE	DESCRIPTION 5-PORT GSS MULTIBAND LOW PROFILE
THIRD ANGLE PROJECTION 	MATERIAL:	SEE COMP. PRINTS	
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	SIZE B		SCALE 1:1
	SHEET 1 OF 1		

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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
3	PILOT, UPDATED BOM	21APR16	IP
4	CABLE LENGTHS WERE 17FT	08JUN16	IP

(3.46 [88.0])

180.0 ± 3.0 [4572 ± 76]

(3 [76])

(36.0 [914])

(.91 [23.1])

CABLE SHEATHING (3 FT LONG) SHOULD COVER ALL THE MCX CONNECTORS AND ALL THEIR HEATSHRINK TUBINGS

HEATSHRINK TUBES AT BOTH ENDS OF SHEATH (RG-HS-750D-125, 2X)

2X LTE CABLE:  
1 FT RG174 LEAD + 14 FT PRO-FLEX PLUS 195 JUMPER CABLE,  
SMA MALE CONNECTOR

3X WiFi CABLE:  
1 FT RG174 LEAD + 14 FT PRO-FLEX PLUS 195 JUMPER CABLE,  
REVERSE POLARITY SMA MALE CONNECTOR

GLONASS CABLE:  
15 FT RG174,  
SMA MALE CONNECTOR

PRODUCT LABEL (1.50 [38.1])

(4.73 [120.1])

(R2.36 [60.0])

TORQUE LABEL

(4.06 [103.1])

UNLESS OTHERWISE SPECIFIED DUAL DIMENSIONING XX.Xin [XX.Xmm]	DRAWN	DATE
	IP	4/12/2016
FOR TOLERANCES NOT SPECIFIED USE: X.X in ± .1 in, X.XX in ± .01 in, X.XXX in ± .005 in [X mm ± 3 mm], [X.X mm ± .3 mm], [X.XX mm ± .13 mm] ANGULAR ± 1°, FRACTIONAL ± 1/64	CHECKED	DATE
THIRD ANGLE PROJECTION	MATERIAL:	SEE INDIV PRINTS
	FINISH:	SEE INDIV PRINTS
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PCTEL, INC.  
471 BRIGHTON DRIVE  
BLOOMINGDALE, IL 60108  
PH. 630-372-6800  
FAX. 630-372-8077

DESCRIPTION ANTENNA, MULTIBAND GNSS, 2X LTE MSMA,  
3X WiFi RPSMA, PERMANENT

DRAWING NO. ODD\_SW-GLHPDM3-LTW

SIZE B SCALE 3/4 SHEET 1 OF 2

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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	RELEASE TO PRODUCTION [C19699]	07JUL16	IP
A1	UPDATED CABLE MARKERS	21JUL16	IP

(3.46 [88.0])

204.0 ± 3.0 [5182 ± 76]

(.91 [23.1])

(3 [76])

(36.0 [914])

CABLE SHEATHING (3 FT LONG) SHOULD COVER ALL THE MCX CONNECTORS AND ALL THEIR HEATSHRINK TUBINGS

HEATSHRINK TUBES AT BOTH ENDS OF SHEATH (RG-HS-750D-125, 2X)

2X LTE CABLE:  
1 FT PFP100A LEAD + 16 FT PRO-FLEX PLUS 195 JUMPER CABLE,  
SMA MALE CONNECTOR

3X WiFi CABLE:  
1 FT PFP100A LEAD + 16 FT PRO-FLEX PLUS 195 JUMPER CABLE,  
REVERSE POLARITY SMA MALE CONNECTOR

GLONASS CABLE:  
17 FT RG174,  
SMA MALE CONNECTOR

PRODUCT LABEL (1.50 [38.1])

(4.73 [120.1])

(R2.36 [60.0])

TORQUE LABEL

(4.06 [103.1])

UNLESS OTHERWISE SPECIFIED DUAL DIMENSIONING XX.Xin [XX.Xmm]	DRAWN	DATE
	IP	4/12/2016
FOR TOLERANCES NOT SPECIFIED USE: X.X in ± .1 in, X.XX in ± .01 in, X.XXX in ± .005 in [X mm ± 3 mm], [X.X mm ± .3 mm], [X.XX mm ± .13 mm] ANGULAR ± 1°, FRACTIONAL ± 1/64	CHECKED	DATE
THIRD ANGLE PROJECTION	MATERIAL:	SEE INDIV PRINTS
	FINISH:	SEE INDIV PRINTS

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471 BRIGHTON DRIVE  
BLOOMINGDALE, IL 60108  
PH. 630-372-6800  
FAX. 630-372-8077

DESCRIPTION ANTENNA, SKYCOMPASS TROOPER, SKYLINK GNSS, DUAL LTE, 3 X WIFI, BLACK

DRAWING NO. ODD\_GLHPDM3-LTB

SIZE B SCALE 3/4 SHEET 1 OF 2

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