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REVDESCRIPTIONDATEAPPV

A

PRODUCTION RELEASE

JHAGER9/10/21

DV9/7/21

B

UPDATE TO ADD ACRYLIC ADHESIVE WITH PUL-TAB. STORAGE TEMPERATURE WAS 90°C. ADDED APPLICATION DATA.

JHAGER1/10/22

DV1/11/22

C

UPDATED PRODUCT LOGO, DRAWING VIEWS, SHEET FORMAT

JHAGER9/6/2023

CM

C1

UPDATED SILKSCREEN INFORMATION AND LOGO SPECIFICATIONS

JHAGER11/1/2023

CM

C2

UPDATED TE LOGO TO BE CORRECT FOR NEW ANTENNA PATCH SCALE WAS 1621426-5.

11/16/23

JH

1. ALL DIMENSIONS ARE IN MILLIMETERS [IN].

2. DIMENSIONS APPLY AFTER FINISHING.

3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE,USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.

4. ENVIRONMENTAL:

1. OPERATING TEMP: -40°C - 85°C RH:40%-90%

2. STORAGE: 15° ~ 30°C, 40-75% RH OUT OF DIRECT SUNLIGHT

3. REMOVE BACKING AND APPLY ADHESIVE BETWEEN 15°-40°C TO CLEAN AND DRY SURFACES ONLY USING GENTLE PRESSURE.

5. ELECTRICAL SPECIFICATIONS ARE SHOWN FOR REFERENCE ONLY. SEE DATA SHEET FOR ELECTRICAL PROPERTIES:

1. FRQ: 1.57GHz - 1.61GHz

2. GAIN @ 90°: 8.5-11dB ±3dB [3VDC/10mA TYP]

3. IMPEDANCE: 50Ω

4. LNA NOISE: 1.5dB TYP (+25°C)

5. VSWR: 2.0 MAX

6. INPUT VOLTAGE: 1.8-5.5VDC [3VDC TYP.]

6. PRODUCT QUALIFIED IAW 108 TEST PLAN DOCUMENT AT CURRENT REVISION.

7. SILKSCREEN MARKINGS AND LOGO USING BLACK PERMINANT MARKING PLACED APPROXIMATELY WHERE SHOWN.

8. PACKAGING PER VENDOR SUGGESTION:

1. PACK IN ANTI-STATIC BAG [45X60] WITH FOAMPROTECTION. STACK TRAYS TO FIT BOX AND SECURE. INSERT COMPLIANCE LABELING SLIP INTO PE BAG.

2. SHIPMENT QUANTITY AND METHOD TO OPTOMISE CONTAINER SPACE [390X320X290mm] WHILE PREVENTING DAMAGE

THIS DRAWING IS A CONTROLLED DOCUMENT

DWG NO ANT-GNCP-C106L160

10.00
[.394]

10.00
[.39]

7.75
[.305]

60.00±2.00
[2.362±.079]

2

1

80

2

1

8.00
[.315]

8.00
[.315]

5

4

3

BACK VIEW

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 3.0

1 PLC ± 1.0

2 PLC ± 0.20

3 PLC ± 0.130

4 PLC ANGLES ± 30'

MATERIAL

FINISH

DWN JHAGER 11/16/23

CHK HLIU 11/16/23

APVD HARRY C 11/16/23

PRODUCT SPEC 108-160935

APPLICATION SPEC -

WEIGHT 1.330 g

CUSTOMER DRAWING

TE Connectivity

ANT GNSS L1 10X10 LNA

UFL 60MM

SIZE A3

CAGE CODE 00779

DRAWING NO ANT-GNCP-C106L160

RESTRICTED TO -

SCALE 5:1

SHEET 1 OF 1

REV C2

3306-7 (3/13)

8

7

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4

3

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A

B

C

D