



承认书

APPROVAL SHEET

客户机型:

CUSTOMER P/N: _____

品 名:

PART NAME: DAMB1575ET41H

供 应 商:

SUPPLIER: ZHANGJIAGANG FREE TRADE ZONE CAIQIN TECHNOLOGY CO.,LTD.

日 期:

DATE: 2010/01/15

APPROVAL OF VENDOR		
DRAWN BY	CHECKED BY	APPROVED BY

APPROVED BY CUSTOMER: (SIGNING OR STAMPING HERE)

1、OVERALL PERFORMANCE(Antenna Element,LNA&Cable)	
CHARACTERISTICS	SPEC
Center Frequency	1575.42±1.023MHz(when covered with a radome and me assured by LNA ground plane)
Voltage	DC 3.0±0.01V
Current	8mA max
Gain	24dB typ
Noise Figure	2.0dB max
Axial Ratio	3.0dB typ
Bandwidth(10dB return loss)	10MHz min
Output VSWR	2.0 max
Output Impedance	50ohm
Dimensions	13mm(L)×13mm(W)×6.5mm(H) typ
Weight	4±2g(typ)
Cable	50±3mm (Φ=1.13mm)
Connector	IPEX (Pull=0.4Kg)
2、APPLICATION	
This application shall apply for antenna unit which shall be used with an engine for an automobile. (for impedance 50 ohm)	
3、OPERRATING CONDITION	
Temperature	-40℃ to +85℃
Humidity	10% to 95% RH
4、STORAGE CONDITION	
Temperature	-40℃ to +90℃
Humidity	10% to 95% R H

MOBILE GPS ANTENNA WITH LNA SPECIFICATION

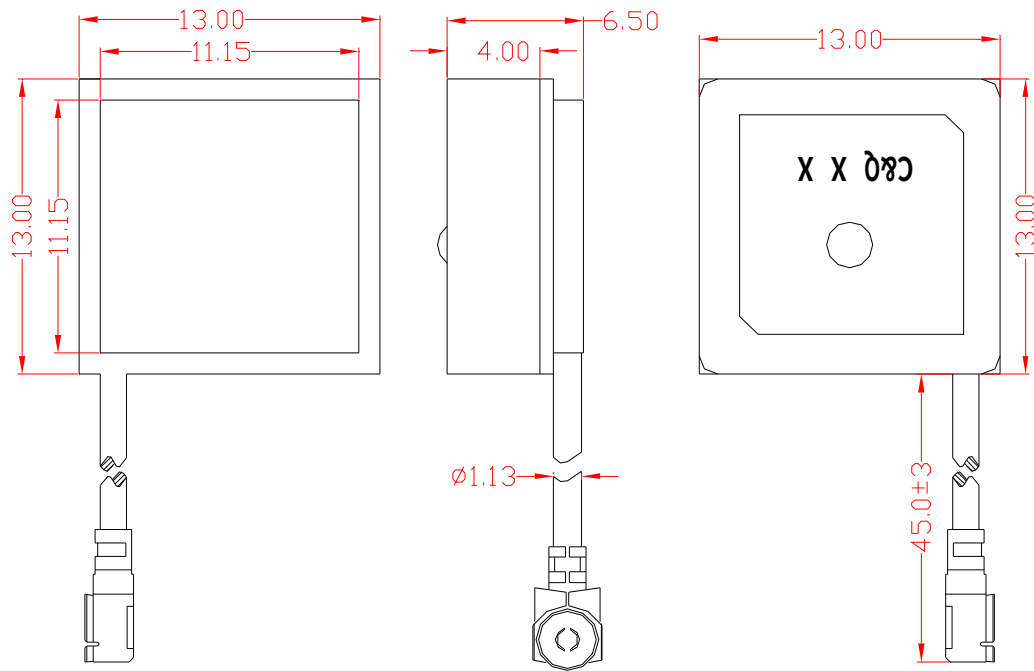
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5、Patch	
CHARACTERISTICS	SPEC
Dimensions	13mm(L)×13mm(W)×4mm(H) typ
Center Frequency	1575.42±2MHz(when covered with a radome and me assured by LNA ground plane)
Bandwidth(10dB return loss)	10MHz min
Peak Gain	-2.0dBic typ
Gain Coverage	≥-5dBic at -90°≤0°≤90°(over 75% volume)
Axial Ratio	3.0dB typ
Output V.S.W.R	3.0dB max
Output Impedance	50ohm
Polarization	R.H.C.P
6、LNA/Filter	
CHARACTERISTICS	SPEC
Voltage	DC 3.0±0.3V
Current	8mA max
Center Frequency	1575.42±1.023MHz
Gain	26±2dB typ
Noise Figure	2.0dB max
Filter (Out of band attenuation)	SAW filter 30dB min fo±60MHz (fo=1575.42MHz)
Output V.S.W.R	2.0 max

MOBILE GPS ANTENNA WITH LNA SPECIFICATION

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7、ANTENNA DIMENSIONS

tol: ± 0.3

Unit:mm

8、Note

- 1、 This product specification guarantees the quality of our product as a single unit. Please make sure that your product is evaluated and confirmed against your specifications when our product is mounted to your product.
- 2、 We cannot warrant against failure caused by any use of our product that deviates from the intended use as described in this product specification.
- 3、 The product will get free warranty for three months since the date of purchase users operate in the correct way; users will have to pay cost of the materials and maintaining fee out of the condition.
- 4、 Electrostatic sensitive device Observe precautions for handling.

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