



WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)  
DONGGUAN AEON TECH CO.,LTD.(CHINA)  
SUZHOU AEON TECH CO.,LTD.(CHINA)  
AEON TECH (SHANGHAI) CO.,LTD(CHINA)  
DONGGUAN PARNER TECH CO.,LTD.(CHINA)

## SPECIFICATION FOR APPROVAL

**CUSTOMER:** 合勤科技股份有限公司

**PART NAME:** PCB Antenna Assembly

**PART NO:** 65-031-660102B

**REVISION:**

**W. Y. P/NO:** C034-510776-A

**REV:** X1

|                  | MANUFACTURER<br>SIGNATURE | CUSTOMER<br>SIGNATURE |
|------------------|---------------------------|-----------------------|
| APPROVED<br>BY : |                           |                       |
| DATE :           |                           |                       |

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# PCB Antenna Assembly

## Specification

### 1. Electrical Properties:

- 1.1 Frequency Range.....2.4GHz ~ 2.5GHz
- 1.2 Impedance .....50 $\Omega$  Nominal
- 1.3 VSWR ..... 5.85:1 Max.
- 1.4 Return Loss..... -3dB Max.
- 1.5 Radiation ..... Omni-directional
- 1.6 Gain(peak)..... 3.5dBi (With Housing)
- 1.7 Cable Loss..... 0.2dB Max.
- 1.8 Polarization..... Linear ; Vertical
- 1.9 Admitted Power..... 1W
- 1.10 Cable.....  $\Phi$ 1.13 Coaxial Cable

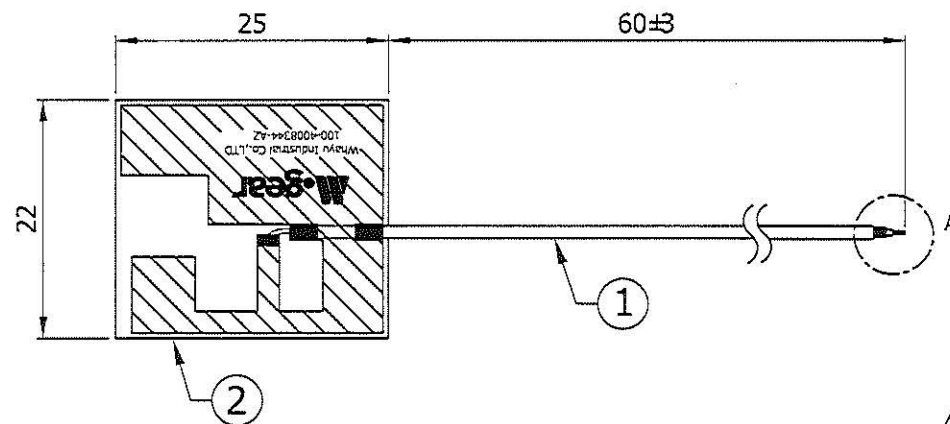
### 2. Physical Properties :

- 2.1 Operating Temp. .... -20°C ~ +65°C
- 2.2 Storage Temp. .... -30°C ~ +75°C

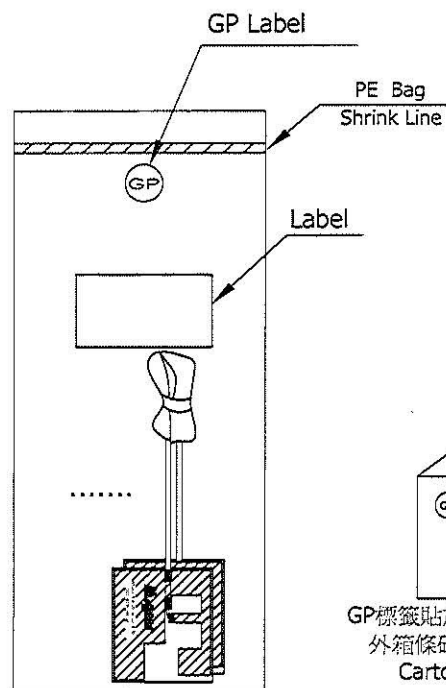
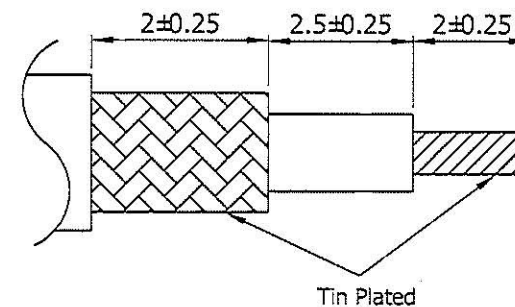
| REV | DATE      | DESCRIPTION |
|-----|-----------|-------------|
| X1  | 5/20-2010 | New Issue   |

Note : Label品名規格

- 1.中包裝:依客訂單中品名規格敘述
- 2.外箱:只敘述產品大類即可



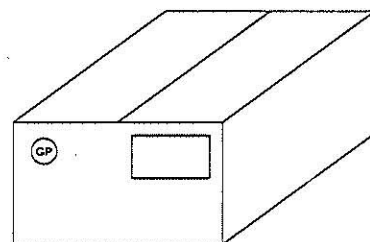
Detail A



GP標籤貼於客戶料號左上角共2PCS  
外箱條碼標籤貼於右上角1PCS  
Carton:320\*320\*200mm

(10 pcs/bundle)

Packing :10 pcs/bag(W)105 x (L)150mm



| 3  | 泡棉雙面背膠      | EVA+Sony G4000雙面背膠   | 1   |        |
|----|-------------|----------------------|-----|--------|
| 2  | PCB         | FR4 ; 24mil ; 1/2 Oz | 1   |        |
| 1  | Cable       | Ø1.13mm Cable,Gray   | 1   |        |
| NO | DESCRIPTION |                      | QTY | REMARK |

|      |      |            |                         |      |           |
|------|------|------------|-------------------------|------|-----------|
| XX.  | ±5.0 | APPROVED   | 合 勤                     |      |           |
| X.   | ±3.0 | CHECKED    | 65-031-660102B          |      |           |
| .X   | ±1.0 | DATE       | RF PCB Antenna Assembly |      |           |
| .XX  | ±0.5 | W.Y P/NO : | C034-510776-A           |      |           |
| .XXX | ±0.1 | DRAWING    | REV                     | UNIT | FILE :    |
| ◎    | ≡    | 5/20-10    | X1                      | mm   | 1005-0031 |
|      |      |            | SHEET : 1/1             |      |           |

CUSTOMER'S SINGATURE

**M.gear** Wha Yu Group

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P/NO : C034-510776-A      PCB Antenna      NO: 1005-0031  
 SPEC :2.4~2.5GHz

