

亞 驪 企 業 有 限 公 司

ARISTOTLE ENTERPRISES

承 認 申 請 書

客戶名稱:

Customer

技嘉科技股份有限公司

廠商料號:

Part No.

RFA-02-5-C7M3

品名:

Description

RFA-02-5-C7M3

圖號:

Drawing No.

RFA-02-5-C7M3.DWG

客戶料號:

Drawing No.

出廠簽章:

檢 查 TEST BY	核 對 CHECK BY	承 認 APPROVE BY

承認簽章:

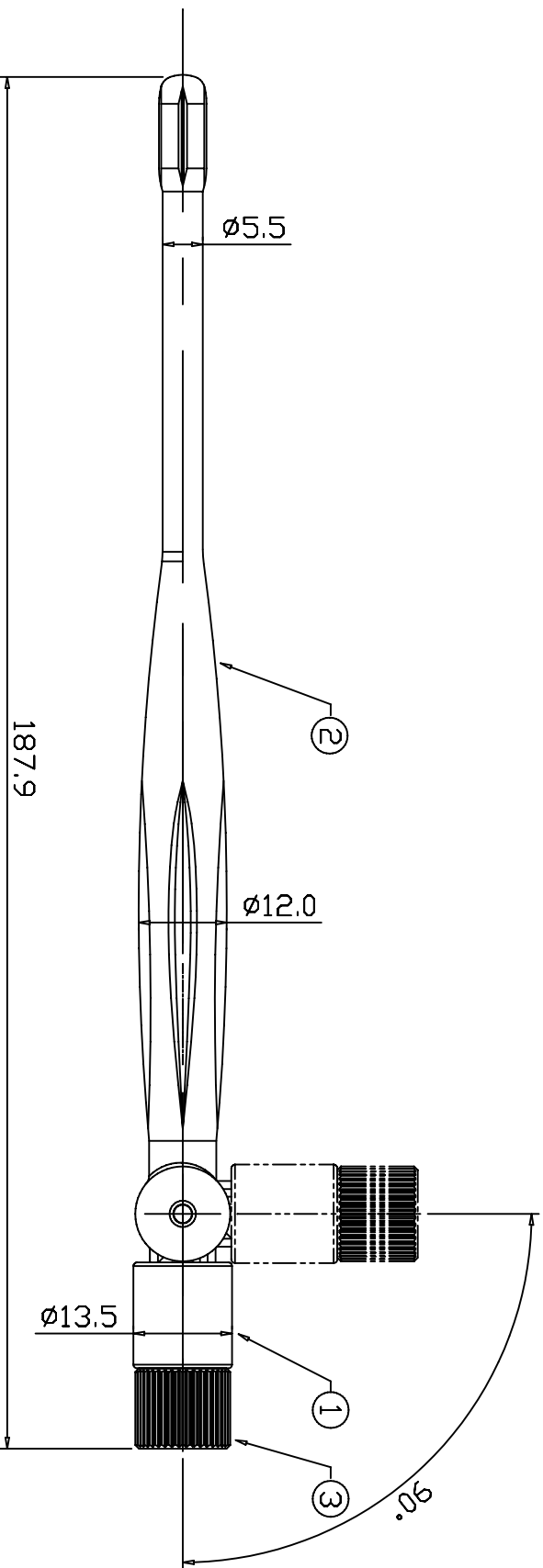
檢 查 TEST BY	核 對 CHECK BY	承 認 APPROVE BY

地址:台北縣中和市連城路 246 號 3 樓

電話:02-2225-8209

傳真:02-2225-7523

NO.	品名	料號	材質	外觀	數量	備註
1.	C5-M轉軸	BPC503	ABS	黑	1	
2.	C7-套管	BPC701	PU	黑	1	
3.	RP SMA PLUG	BC05A0-78-3	BRASS	黑	1	



亞驪企業有限公司
ARISTOTLE ENTERPRISES INC.

PROJECTION UNITS mm TITLE
SCALE 1/1 RFA-02-5-C7M3
PAPER A4

APPD.		DWG. NO.	RFA-02-5-C7M3.DWG
CHKD		REV.	1/1
DESIGN		REV.	
DRAW	J.W.Lee	DATE	93/03/04

REV	ECN	NAME	DATE
2.			
1.			

SPECIFICATION

DESCRIPTION : Swivel Access Point Antenna

MODEL NO : RFA-02-5-C7M3

1.1 ELECTRICAL

Frequency Range: 2400~2500 MHZ
Gain: 4.5dBi(Nominal)
VSWR: ≤ 2
Polarization: Linear, Vertical
Max. Power: 20W
Impedance : 50Ω
Connector: RP-SMA Plug
Reverse Polarity Meets FCC part 15.203 Requirement



1.2 MECHANICAL

Condition : Non operating during test.

Endurance

Number of connection/disconnection of the connector : 500 cycles

Number of 360° rotation of the connector : 1000 cycles

Mandatory : Guaranty of functionalities after test.

Bending: Number of 90° at the hinge parts and bending on one direction with 1 kg force : 1000 cycles

Mandatory : No mechanical damage tolerated. Guaranty of functionalities after test.

Antenna resistance

Tests are applicable to all parts and both sides.

Traction: Tractions force applied 3 times on plugs during 15 second : 5 kg

Mandatory : No mechanical damage tolerated. Guaranty of functionalities after test.

1.3 ENVIROMENTAL

Storage

Condition : Non operating during test.

Cold: -40°C during 72h (IEC 68-2-1 standard Ab/Ad test)

Dry heat: +80°C during 96h (IEC 68-2-2 standard Bb/Bd test)

Humidity: +40°C at 95%R.H. during 4 days (IEC 68-2-56 standard Cb test)

Mandatory : No mechanical or visible damage tolerated. Guaranty of functionalities after test.

Operation

Condition : Operating during test.

Cold: -10°C during 48h (IEC 68-2-1 standard Ab/Ad test)

Dry heat: +55°C during 48h (IEC 68-2-2 standard Bb/Bd test)

Composite: -10°C to +55°C 95%R.H 4 cycles (IEC 68-2-30 standard Nb test)

Mandatory : No mechanical or visible damage tolerated. Guaranty of functionalities during and after test.