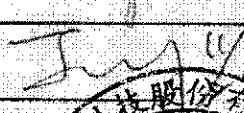


零件基本資料	料號 Part Number	46-0000050-51		
	品名 規格 Description	CONN. RP-SMA R/A JACK / S-D103-168A		
適用產品 Applied Models	EW-71x6 V1.0 EW-71x6 V2.0			
廠商資料	供應商 Supplier	P2029 根旺精密股份有限公司	送樣日期 Issued Date	11/18
	供應商料號 Supplier P/N	S-D103-168A	料品批號 Lot Number	
測試結果	測試日期 Test Date	11/19	測試結果 Test Result	OK
	測試人員 Tester	Teddy	審核人員 Reviewer	andy 11/25
核決	核准: 			

Copy To: 物料 品質 工程 市場 研發 廠商



Input Output Enterprise Corp.	PRODUCT SPECIFICATION RP-SMA R/A JACK PCB RECEPTACLE	DOC. No: WL-TL-17 DATE: 27-MAR-02 REV. : B
----------------------------------	---	--

PRODUCT NAME

RP-SMA R/A JACK PCB RECEPTACLE

PART NUMBER

■ S-D103-168A

Signed By Customers

Approved By:

--

供應商: 垠旺精密股份有限公司

TEL:02-2917-7528 FAX:02-2912-1659

台北縣新店市寶興路 37 號 3 樓

Input Output Enterprise Corp.	PRODUCT SPECIFICATION RP-SMA R/A JACK PCB RECEPTACLE	OCC. No: WL-TL-17 DATE: 27-MAR-02 REV. : B
----------------------------------	---	--

Table of content

1. SCOPE.....	3
2. APPLICABLE DOCUMENTS.....	3
2.1 Environmental tests.....	3
3. DEFINITIONS.....	3
3.1 RP-SMA R/AJACK PCB RECEPTACLE.....	3
4. ENVIRONMENTAL REQUIREMENTS.....	3
4.1 Temperature.....	3
4.2 Environmental tests.....	3
5. REQUIREMENTS.....	4
5.1 Material requirements.....	4
5.2 Electrical requirements.....	4
5.3 Mechanical requirements.....	4
6. MANUFACTURING ENVIRONMENT.....	4
6.1 Solder ability.....	4
7. PACKAGING.....	4
7.1 Packaging Code: P0134.....	4

Input Output Enterprise Corp.	PRODUCT SPECIFICATION RP-SMA R/A JACK PCB RECEPTACLE	DOC. No: WL-TL-17 DATE: 27-MAR-02 REV. : B
---	--	--

1. SCOPE

All details specified in this and other related documentation must be met with. In case of conflict between this specification and other specification, the requirement of this specification has higher priority unless otherwise agreed. All conflicts must immediately be reported to Input Output. All exceptions/ changes must be presented in written format. Specification with higher version number replaces earlier versions.

2. APPLICABLE DOCUMENTS

2.1 Environmental tests

Corrosion (Salt spray)

Thermal shock

Vibration

Mechanical Shock

MIL-STD-202F

3. DEFINITIONS

3.1 RP-SMA R/A JACK PCB RECEPTACLE

3.2 is designed with a 50Ω characteristic impedance, the working frequency is up to 6 GHz. The reliable snap-on mating design offers "low RF-leakage". Also, the small dimensions allow you to use connectors under critical space requirement. The major application for SMA series connectors is PCI cards, Access Point, Router, small hand-held communication devices and other similar applications.

4. ENVIRONMENTAL REQUIRMENTS

4.1 Temperature

Operating temperature range: -65°C up to $+165^{\circ}\text{C}$

4.2 Environmental tests

Salt spray

48 hour

Input Output Enterprise Corp.	PRODUCT SPECIFICATION RP-SMA R/A JACK PCB RECEPTACLE	DOC. No: WL-TL-17 DATE: 27-MAR-02 REV. : B
---	--	--

5. REQUIREMENTS

5.1 Material requirements

Description	Materials	Finished
Body	Zinc Alloy	Gold 4u"
Insulator	Teflon	None
Contact Pin	Brass	Gold 15u"

5.2 Electrical requirements

Impedance	50 ohms
Frequency range	0 to 6 GHz
Working voltage	335 Vrms max
Insulation resistance	1000M Ω
Dielectric withstanding voltage	1000 Vrms min.
Contact resistance	Center contact: 3.0 m Ω Outer contact: 2.0 m Ω
VSWR	1.35 max.

5.3 Mechanical requirements

Force to engage disengage	The torque required to engage and disengage
Coupling nut retention force only)	Shall not exceed 2 inch-lbs 60 pounds min (for plug connectors only)
Connector proof torque	15 inch-pounds min
Connector durability	500 mating

6. MANUFACTURING ENVIRONMENT

6.1 Solderability

RP-SMA R/A PCB RECEPTACLE-JACK should withstand 240 °C for 20 seconds minimum. Connector shell should have solder able pins for mounting. Material of pins should be DIP solder able.

7. PACKAGING

7.1 Packaging Code: P0134

Type	Tray (With Input Output Logo)
Quantity	50 pcs
40 trays packaged together into one Carton (50pcsX20=2000pcs)	