



Bondale Electronics Ltd.

博 钜 电 子 有 限 公 司

Flat E 2, 10/F., Hoi Bun Ind. Bldg., 6 Wing Yip Street, Kwun Tong, Kln., H. K.
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COVER OF SPECIFICATION 规格书

No.: SA1200106(2)

CUSTOMER'S NAME :

客户名称

Power One

CUSTOMER'S MODEL NO. :

客户型号

CUSTOMER'S PART NO. :

客户料号

PRODUCT NAME :

产品名称

Coaxial Cable Assembly

OUR MODEL NO. :

本公司型號

G-(RP)SMA(K)-RG316/U-10000MM-(RP)SMA(P)-00

This Specification is Composed of Under Listed (Samples be attached)

本规格书由以下内容组成(样品另附) :

NO.	Items(项目)	Pages(页码)
1	Certificate Of Conformance ROHS(环保证明书)	1
2	Product Drawing (产品图)	1
3	Specification of Product (规格书内容)	1
4		
Total pages(包含本页)		共 4 页

Please fax back this brefile page with authorized signature and company chop as customer's approval on samples,Thanks! (如果此产品得到您的确认,请传回本页给我们.)

Customer Sign 客户签名		Customer Company Chop 客户公章	
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TO: Power One

DATE: 2012.06.29

File NO.: SA1200106(2)

CERTIFICATE OF CONFORMANCE ROHS

Customer Part No. : _____

Bondale Part No. : G-(RP)SMA(K)-RG316/U-10000MM-(RP)SMA(P)-00

Description : Coaxial Connector

We, Bondale Electronics ltd. assured that the above mentioned item: G-(RP)SMA(K)-RG316/U-10000MM-(RP)SMA(P)-00 is fully comply with the EU directive **2002/95/EC** and Packaging directive **94/62/EC** and that its content of hazardous substances is below the values as listed:

ROHS critical values:

*Cadmium(Cd)		under 100 ppm	
*Lead (Pb)	Generally	under 1,000 ppm	
	Be Exempted	<i>Products that contain Copper alloy components</i>	under 40,000 ppm
		<i>Product that contain Steel alloy components</i>	under 3,500 ppm
		<i>Product that contain aluminum alloy components</i>	under 4,000 ppm
*Mercury (Hg)		under 1,000 ppm	
*Hexavalent Chormium (Cr6+)		under 1,000 ppm	
*PBBs		under 1,000 ppm	
*PBDEs		under 1,000 ppm	

Packaging directive 94/62/EC critical values:

*Packaging (Pb + Cd +Hg +Cr6+) under 100 ppm

Exempted below:

If the above mentioned item is reprocessed by customer, we wouldn't promise and assure the content of hazardous substances of the product item.

On behalf of

Bondale Electronics Ltd.

ROHS green chop and GPMS spokesman sign(Rohs綠色印章 + GPMS負責人簽名):

Yours sincerely,

---GREEN PRODUCT MANAGEMENT SYSTEM (GPMS)---

---綠色產品管理系統---

COAXIAL CABLE ASSEMBLY SPECIFICATION

Customer : Power One

Specification No.: SA1200106(2)

Model No.: G-(RP)SMA(K)-RG316/U-10000MM-(RP)SMA(P)-00

1, Dimensions

- 1) As per drawing No. G-(RP)SMA(K)-RG316/U-10000MM-(RP)SMA(attached.
- 2) The predominant color of the coaxial cable surface is brown, and small chromatic aberration of wire is acceptable

2, Electrival Charateristics

- 1) Characteristic impedance : 50Ω
- 2) Frequency range : $0 \sim 3\text{GHZ}$
- 3) Insertion loss : -22dB at 3GHZ
- 4) VSWR : ≤ 2.0

100 feet = 3048 mm

43 dB/100 feet

1.41 dB/m

15.7 dB
INSERTION
LOSS

3, Material and Plating

3.1 Coaxial Connector : G-(RP)SMA-KD3501;G-(RP)SMA-JD2201

- 1) Body : Brass Beryllium copper gold plated
- 2) Female center contacts : Brass Beryllium copper gold plated
- 3) Insulators : PTFE

3.2 Coaxial cable : RG-316/U Coaxial cable.

- 1) Conductor : copper silver plated
- 2) Braid : copper silver plated
- 3) Insulators : PTFE
- 4) Jacket : FEP

4, Mechanical Characteristics

SMA Durability : 500 cycles

5, Environmental

Temperature range : $-55^{\circ}\text{C} \sim +150^{\circ}\text{C}$

6, OTHERS

Any modification of specification has to be agreed by us.

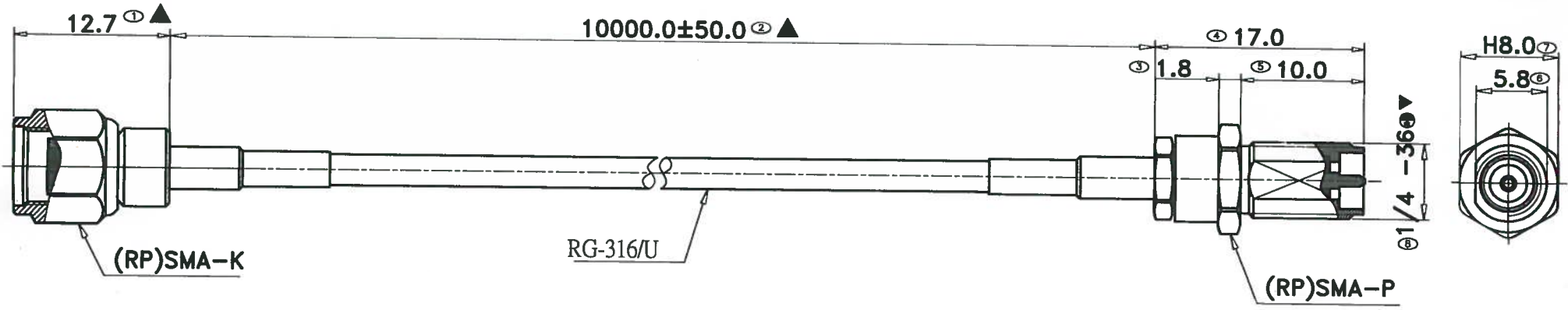
Prepared by :



Checked by :

Approval :

REV.	ISSUE FOR	OLD DRAWING NO.	APPROVED	80<L<=250	±0.50
				25<L<=80	±0.40
				8<L<=25	±0.30
				L<=8	±0.20
				Length L	Tolerances without remark
Tolerances without remark					



博鉅電子有限公司
13 JUL 2012
設計部出圖



- Note:
1. A high-frequency connector for: (RP) SMA-P, gold-plated.
 2. The high-frequency connectors: (RP) SMA-K, gold-plated.
 3. Coaxial models: RG-316 / U, the color is brown.
 4. Appearance will not allow crush, dirty, distortion and other undesirable phenomena.
 5. ▲ Focus point of control size.
 6. (6) As FAI size.
 7. (7) As inspection dimensions.

TITLE	Coaxial cable assembly	REV	SCALE	2 : 1	DRAWN	dm. w	25/06-12
PART NAME	G-(RP)SMA(K)-RG316/U-10000MM-(RP)SMA(P)-00	A	MATERIAL		INSPECTED		13/07-12
BONDALE ELECTRONICS LTD.					HANDLING	APPROVED	
					DRAWING NO.	G-(RP)SMA(K)-RG316/U-10000MM-(RP)SMA(P)-00	