

Product Number: SMASFR8-3100B-E0X00R

Product Name: Coaxial Cable



**** Specification**

Sample Photo	
	
A. Electrical Characteristics	
Frequency	DC~ 6 GHz
Impedance	50 Ohm
S.W.R.	≤ 2.0
Insertion Loss	≥ -2.5 dB
Voltage (breakdown)	> 500 V
Insulation Resistance	≥ 500 M ohm
B. Mechanical Characteristics	
Pull Test of Connector	≥ 1 Kg
Mating Cycles	> 500
C. Environmental	
Operation Temperature	$- 40^{\circ}\text{C} \sim + 65^{\circ}\text{C}$
Storage Temperature	$- 40^{\circ}\text{C} \sim + 80^{\circ}\text{C}$

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3. Characteristics and Reliability Test

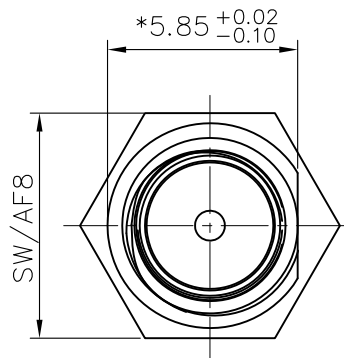
Test Items 測試項目		Test Condition and Procedure 測試方法	Requirements 要求	Result 結果
C1	V.S.W.R. 電壓駐波比	Set DUT on Network Analyzer; make individual calibration to test 設置網路分析儀參數進行測試	Directive DUT specification 符合待測物規範	PASS
C2	Insertion Loss 插入損失	Set DUT on Network Analyzer; make individual calibration to test 設置網路分析儀參數進行測試	Directive DUT specification 符合待測物規範	PASS
M4	Pull Test 拉力	Holding with individual specification; force applied to axis of terminal .單獨定義產品端子拉力	1. Directive DUT specification 2. Frequency Tol.≤5% 符合待測物規範;頻率偏移≤5%	PASS
M6	Dimension 尺寸	Inspection of dimension, color, material, package, surface process.檢查尺寸,顏色,材料,包裝,表面處理	Directive DUT specification 符合待測物規範	PASS
E2	Salt Spray鹽霧	GB / T 2423.17-2008 Temp: 35°C; RH: ≥ 95%; NaCl solution: ≥ 5%;Time: 24H 溫度 35°C ; 濕度≥95%;鹽水濃度≥5% ; 測試 24H	1. No Visual Damage 2. Frequency Tol.≤5% 無明顯外觀不良;頻率偏移≤5%	PASS
E3	Temperature and Humidity Chamber 恒溫恒濕	GB / T 2423.3-2006 Temp: 80°C / 12 H; -40°C / 12H RH: ≥ 90%; Time: 24H 溫度 80°C 測試 12H 轉-40°C 測試 12H; 濕度≥ 90% ; 時間 24H	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol.≤5% 恢復 2H 後, 無明顯外觀不良;頻率偏移≤5%	PASS
E5	Aging test 老化	GB / T 2423.2 - 2008 Temp: 80°C; Time: 24 hours 溫度 80°C , 測試 24H	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol.≤5% 無明顯外觀不良;頻率偏移≤5%	PASS
R1	RoHS	With Reference to IEC 62321:2008 with flow chart 參考 IEC 62321 測試流程	Directive RoHS 2011/65/EU 符合 RoHS 2011/65/EU 標準	PASS
R2	PFOS	With Reference to USA EPA 3550C:1996 by LC/MS 參考 USA EPA 3550C 測試流程	Directive RoHS 2006/122/EC 符合 RoHS 2011/65/EU 標準	PASS

RoHS

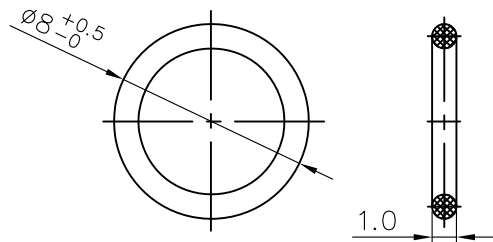
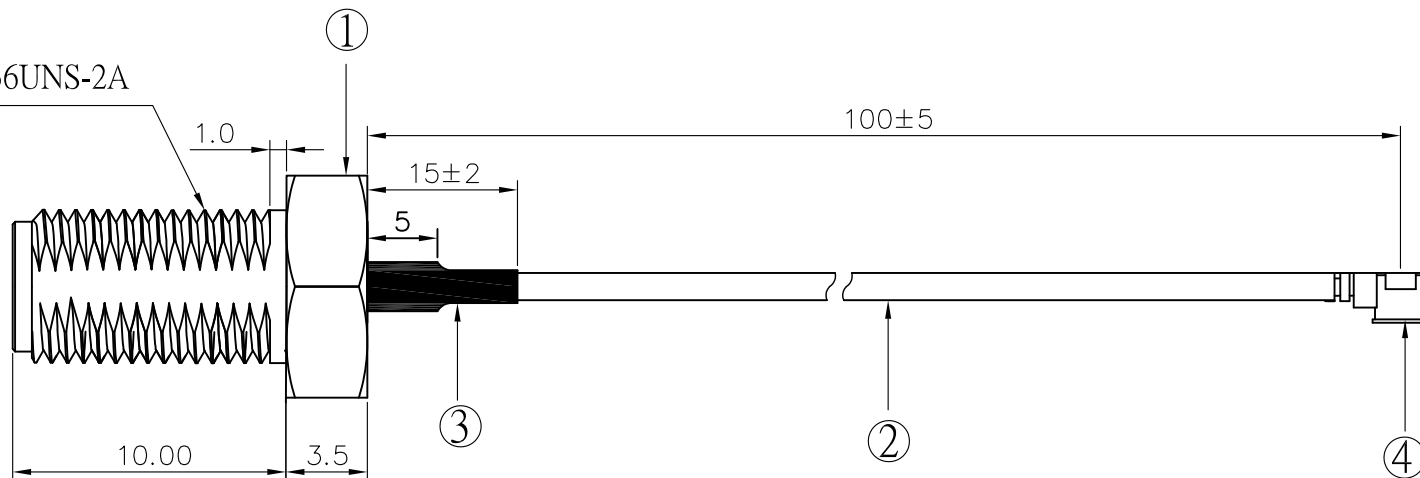
Compatible



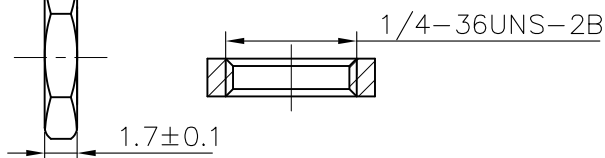
"*"Stress



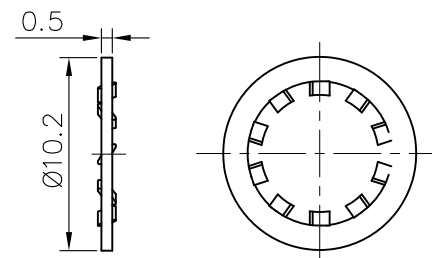
*1/4-36UNS-2A



O-ring



Nut

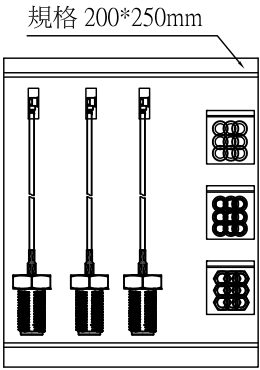
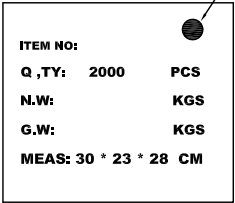
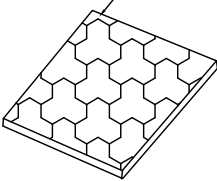
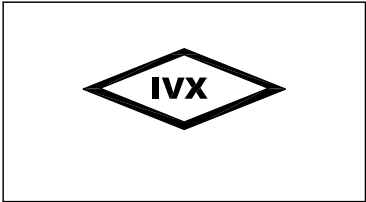
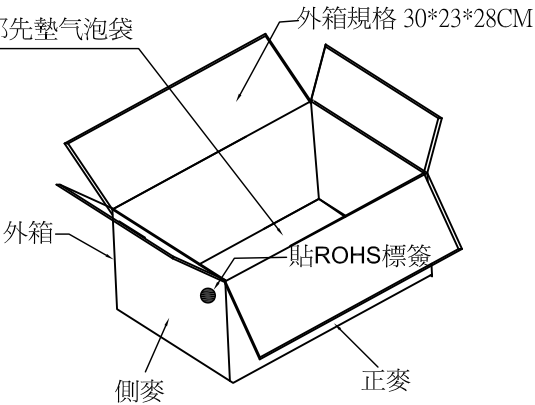


Washer

4	CR-113	Cu Au Plated	Mi ni Coaxial Connector	1
3	Shrink Tub	HT-36	Ø2.5*15mm	1
2	Cable	O.D.1.13mm ; Color :Black	L=100mm	1
1	SMA	Cu Au Plated	180° Female Reverse	1
NO	Description	Material	Specification	Q'ty

SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			

Invax System Group.			Cortec Technology Inc.			
Cortec			Http://www.invaxsystem.com		Tel:886-2-27885218	
			E-mail:info@invax.com.tw		Fax:886-2-27831658	
TITLE: SMA / OD1.13mm / Mi ni Connector						
PART NO.: SMASFR8-3100B-E0X00R			CUSTOMER P/N:			
APP BY	CHK BY	RF BY	DES BY		Tolerance	
Grant	Jack	Grnat	Lvybao		UNITS: mm	X.X ±0.5
2013.12.19	2013.12.19	2013.12.19	2013.12.19		SCALE: 1/1	X.XX ±0.2
					REVISION: A	X° ±1°

成品料號：SMASFR8-3100B-E0X00R		版本：A
成品名稱：同轴线		客戶：
一  每1PCS產品用膠管包住端子 二  規格 200*250mm 三 側麥  貼RoHs標籤 每50PCS產品裝入200*250mm夾鏈袋， 配件每50PCS分裝入50*70mm夾鏈袋。 並裝入產品袋中！ 四  气泡袋 气泡袋規格 100cm*100cm 五 正麥  外箱側麥右上角貼一張RoHs標籤， 須填寫產品編號數量，淨重和毛重。 (或以實際重量填寫) 外箱底部先墊气泡袋  外箱規格 30*23*28CM 外箱 側麥 正麥 貼ROHS標籤 C/NO：以生管出貨資料粘貼 每箱裝2000PCS產品，包裝要規範整齊。		