

Date : 2014/07/03

Electrical Test Report

Title : SMA PLUG TO FEM PLUG ADAPTOR
Part No. : 78P80PNS5BF000B
Specification : 0 ~ 3 GHz
Network Analyzer : Agilent, E5071C Calibration Kit : 3.5mm 85052D
Test Equipment : Port1 : 3.5mm female Port2 : 3.5mm female
Port1+Adaptor+DUT+Port2



Approved :

Peggy

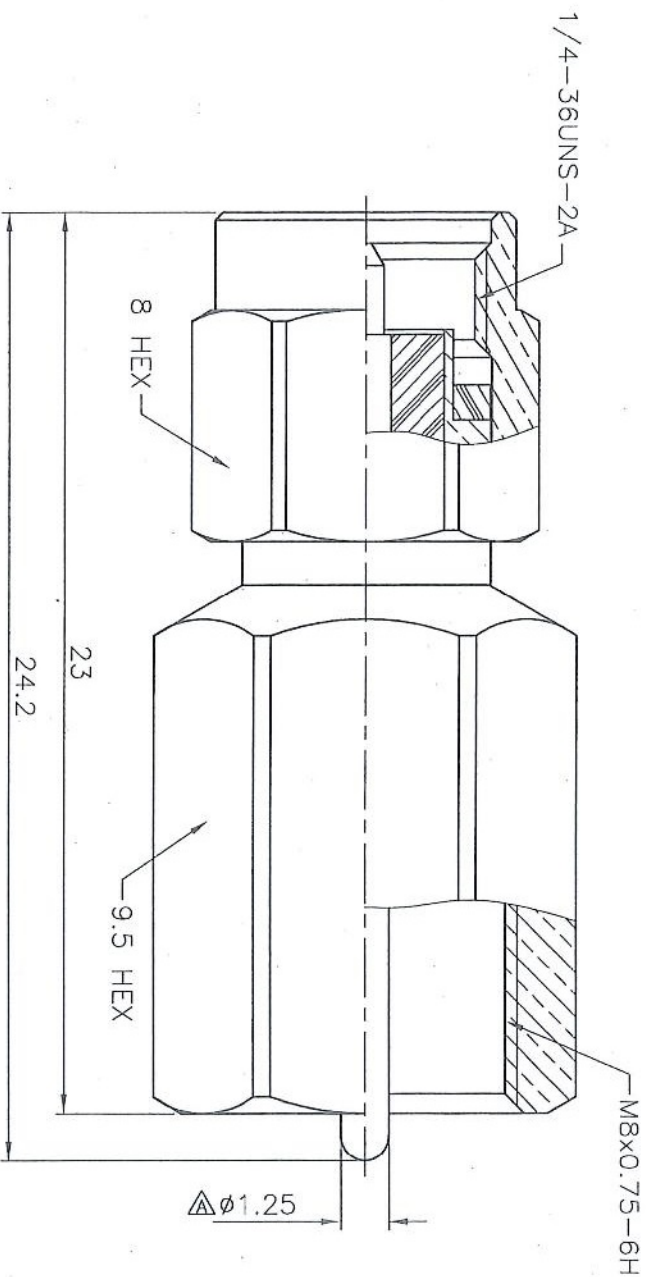
Tester : Lina

No. : QA-14070301

Part No.(圖號)	78P80PNS5BF000B	Date(日期)	2021 / 03 / 05	
Title(產品名稱)	SMA Plug to FME Plug Adaptor			
Material and Finish (材質及表面處理)				
Description(名稱)		Material(材質)	Finish(表面處理)	
Center Contact(中心導體)		Brass	3μ" Gold	
Insulator(絕緣體)		PTFE	White	
Outer Contact(外導體)		Brass	70μ" Nickel	
Others(其它)	Gasket	Silicone	Red	
Electrical (電氣特性)				
Item(項目)		Test Condition(測試條件) (at 25°C ±5°C)	Specification(規格)	
Impedance(阻抗)		DC ~ 1 GHz	50 Ω	
Voltage Standing Wave Ratio(VSWR)(駐波比)		DC ~ 1 GHz	1.3 Max.	
Dielectric Withstanding Voltage(絕緣耐電壓)		AC, time: 60sec	1000 Vrms Min.	
Contact Resistance (導體阻抗)	Center Contact(中心導體)	DC 0.2V, 1A	10 mΩ Max.	
	Outer Contact(外導體)	DC 0.2V, 1A	5 mΩ Max.	
Insulation Resistance(絕緣阻抗)		DC 500V, time: 120sec	5000 MΩ Min.	
Mechanical (機械特性)				
Item(項目)		Test Condition(測試條件)	Specification(規格)	
Force to Engage/Disengage(接合力/脫離力)		N/A	2 in-lbs. Max.(SMA)	
Coupling Nut Retention(聯結螺帽承受力)		60mm/min	60 lbs. Min.(SMA)	
Coupling Proof Torque(聯結承受扭力)		N/A	15 in-lbs. Min.(SMA)	
Contact Retention(中心導體承受力)		60mm/min	6 lbs. Min.(SMA)	
Remarks(備註) 1. HSF Compliant. 2. Between Body and Insulator Must Withstand 6 lbs. Min. Axial Force. (軸向力測試)				
				
C	更改版本內容	<i>Allen</i>	<i>Qian</i>	<i>Frank</i>
B	修改 VSWR 規格	Karl	Karl	Doris
A	Original	Karl	Karl	Polly
Issue 版本	Revision 修改記錄	Approved 核准	Checked 審核	Drawn 製定

REVISIONS

ISS	SYMBOL	DESCRIPTION\DATE
A2		加標 Ø1.25 \04/23/09'
A3		變更 BODY,C RING,SHELL \07/28/11'
A4		零件 4材質改為PTFE \03/05/21'



NOTES: FINISH (PLATING THICKNESS IN MICRO-INCHES)

1. BRASS PER QQ-B-626
2. NICKEL PL 70 MIN THICK OVER COPPER STRIKE
3. GOLD PL 3 MIN OVER NICKEL PL 70 MIN THICK OVER COPPER STRIKE
4. PASSIVATED

DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED (一般公差)				PART NO.				TITLE			
0.5~6 = ±0.2				APPROVED				DATE			
>6~30 = ±0.4								03/05/21'			
>30~120 = ±0.6				CHECKED				DATE			
>120~315 = ±1								03/05/21'			
>315~1000 = ±1.6				DRAWN				DATE			
ANGLES(角度) = ±5°								03/05/21'			
SCALE 5/1				ISSUE				A4			
NO.				DESCRIPTION				DRAWING NO.			
SHELL				NOTE 1				NOTE 2			
C RING				SUS 304				NOTE 4			
GASKET				SILICONE				RED			
CONTACT PIN				NOTE 1				NOTE 3			
INSULATOR				PTFE				WHITE			
BODY				NOTE 1				NOTE 2			
NO.				DESCRIPTION				DRAWING NO.			
SMA PLUG TO FME PLUG ADAPTOR				78P80PNS5BF000B				FILE NO. Z:\NND\78P\80P\NS5\000\78P80PNS5BF000B-A4			



HSF COMPLIANT