苏州爱普拉斯微电子有限公司
SUZHOU A_PLUS MICRO- ELECTRONICS CO., LTD.

规 格 书

SPECIFICATION

CUSTOMER
客　　户：Siemens Medical Instruments Pte, Ltd.

PART. NO.
客 户 品 名：10828465

CUSTOMER PART. NAME.
客 户 品 名：WL ANTENNA D9 5.7MM SMD

INFORMATION PREPARED BY:
内 容 提 供：Eric

DATE:
日　　期：2014 .10 .14

供应商名称（Supplier Name）：
苏州爱普拉斯微电子有限公司
SuZhou A-Plus Micro-Electronics Co., Ltd.

客　户（Customer）：
Siemens Medical Instruments Pte. Ltd.

	签名（Signature） Name&Date
拟 制 Prepared	Eric Eric.wei 2014.10.14
批 准 Approved	william.wang 2014.10.14

	签名（Signature） Name&Date
承 认 Approved	2014-10-14 SIEW CHEE KONG 2014-10-14 TAN CHRIS
审 核 Checked	2014-10-14 Lim Seng Shin CHUA SWEE KIM 2014-10-14

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D9 Wireless **Antenna** SMD **5.70mm**

Electrical Characteristics

(Temperature /RH= 25°C / 30% relative humidity. unless otherwise specified)

Inductance

InductanceLeff at 3,28MHz	Leff	37 uH
initial inductancetolerance	Leff	±2 uH
Inductancetoleranceover temperature (0° C to +40° C) without initial tolerance	Leff / Leff	±2%

Quality Unloaded

Q at 3,28MHz	Qs min	⩾50

Self Resonance Frequency

SRF	FSRF	⩾10 MHz

DC – Widerstand

DC – Resistance	Rdc	4~6 Ω

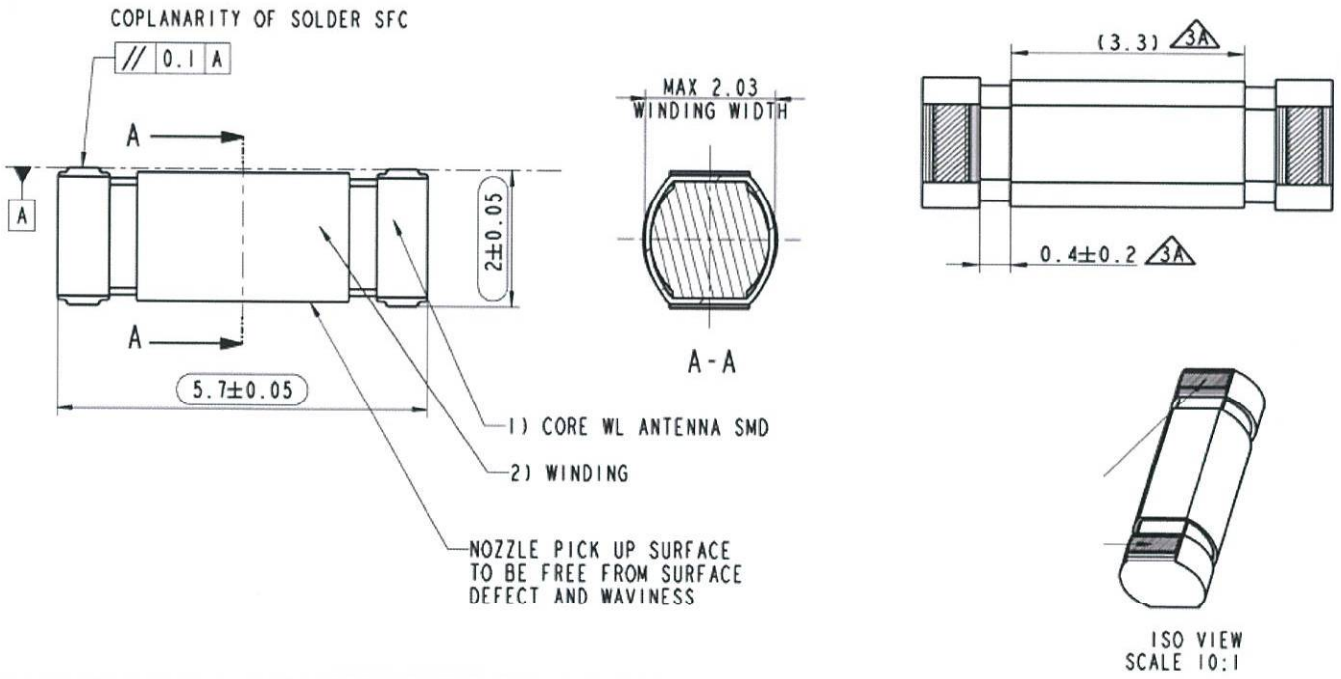
Operating Conditions

Temperature range	Tlow / Thigh	0° C ... +40° C
Operating current	Idc	typ. 0,1mA
R.M.S. current	Irms	typ. 1mA
Operating voltage	Uop	typ. 2V
Operating frequency	Fop	3,28MHz

Sensitivity

Effective magnetic cross section	*Ae*	⩾*2300* mm^2

D9 Wireless **Antenna** SMD **5.70mm** (Production)



1.Test Conditions:	
Test Condition	*3.28MHz/1v*
2.Dimensions:	
Length	*5.70 ±0.05mm*
Height	*max.2.03mm*
Width	*2.00 ±0.05mm*
3.Storage	
Storage temperature (without carrier tape and cover tape)	*-20 ° C ... +85 ° C*
Shelf life (from date on label)	*max. 6 months*
4.Winding	
Number of turns	*Typ 65Turns*
Wire diameter	*0.040mm*