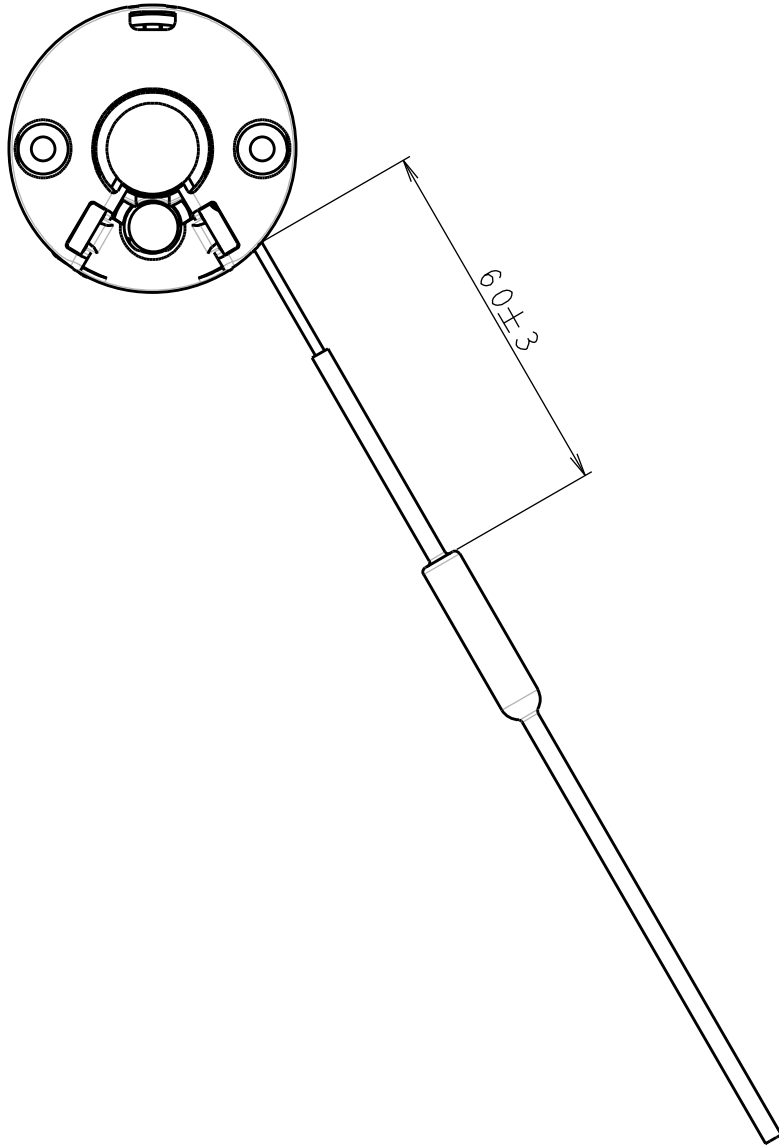


1 2 3 4

A



B

C

D

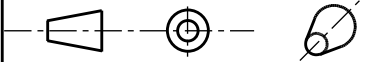
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E The part shall not contain restricted substances according to the relevant European ROHS Directive

MISH : -



GENERAL AND GEOMETRIC TOLERANCES IN ACCORDANCE WITH ISO 8015 ; ISO 1101 ;



Modified By:  
RAMOS Joel (ramajo01)

REV	MODIFICATION DESCRIPTION	DATE	NAME
000	Creation	19-10-18	JR

MATERIAL:

-  
-  
-

**ARTICLE:**  
**AD QT40 ZIGBEE ANTENNA**

Scale: 1/1 | GE0155935

N° : | 000

1 2 3 A4

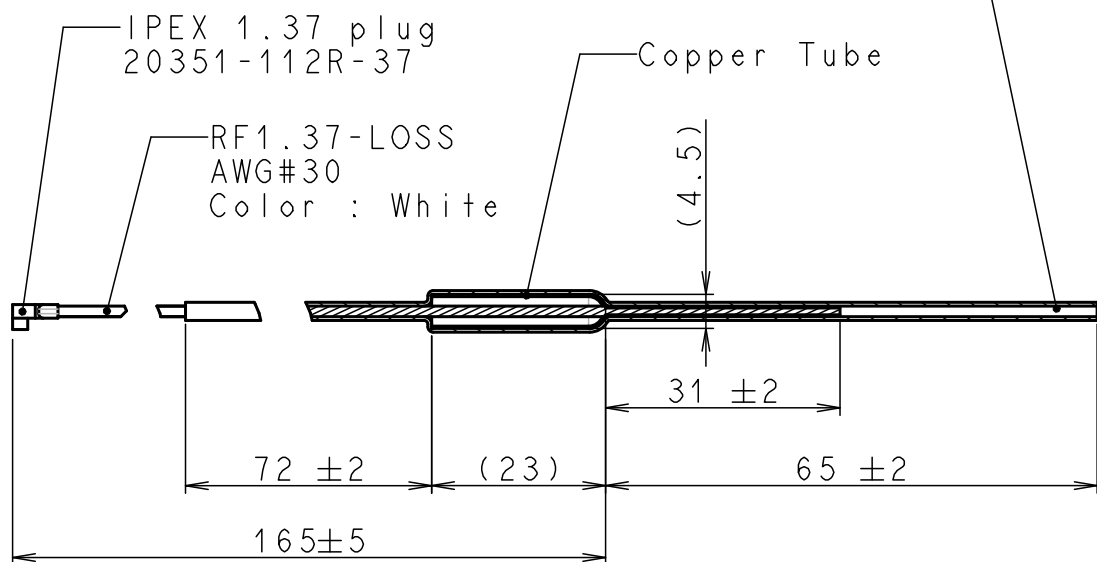
F

1 2 3 4

A

Heat shrink sleeve  
 D: 4.8 d: 2.4 W: 0.51  
 Dielectric Strength 19.7KV/mm  
 cURus label  
 Color : White

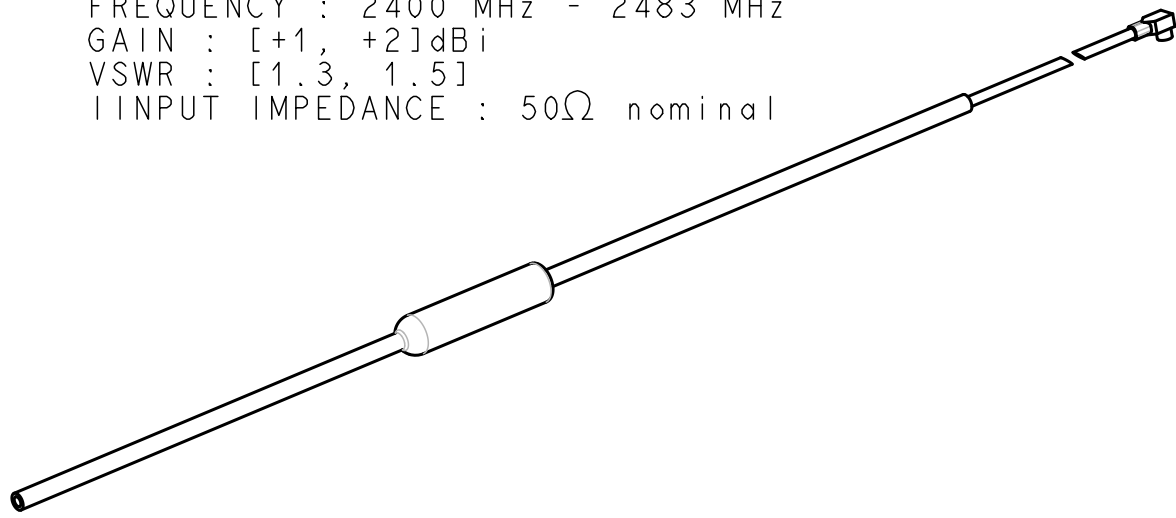
B



C

FREQUENCY : 2400 MHz - 2483 MHz  
 GAIN : [+1, +2]dBi  
 VSWR : [1.3, 1.5]  
 INPUT IMPEDANCE : 50Ω nominal

D



E

The part shall not contain restricted substances according to the relevant European ROHS Directive

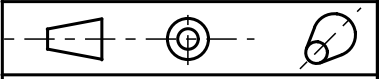
MISH : -

REV	MODIFICATION DESCRIPTION	DATE	NAME
001	Sleeve dim & specs	11-06-20	JR
000	Creation	25-06-18	JR

MATERIAL:  
 -  
 -  
 -



GENERAL AND GEOMETRIC TOLERANCES  
 IN ACCORDANCE WITH ISO 8015 ; ISO 1101 ;



Modified By:  
 RAMOS Joel (ramajo01)

F

ARTICLE:  
 QT40 ZIGBEE 2.4G ANTENNA

Scale: 1/1 | GEO153711  
 N° : 5144002 A | 001

1 2 3 A4

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型号 Type	RF-1.37L/50	料号 P/N	SY137L/50-003(White)	
结构图 Structure drawing				
<b>结构特性 Structure characteristics</b>				
结构 Structure	项目 Item		标准值 Standard value	
①内导体 Inner conductor	材料 Material		镀银铜线 Silverplated copper wire	
	组成:总根数/单根外径(mm) Makeup:total / O.D. of every wire(mm)		7/0.105	
	(绞合)标称外径(mm) (Intertwist)NOM.O.D.(mm)		0.315±0.02	
②绝缘层 Insulation	材料 Material		聚全氟乙烯 FEP	
	颜色 Color		透明 Clarity	
	标称外径(mm) NOM.O.D.(mm)		0.925±0.03	
③外导体 Outer conductor	材料 Material		铜铝箔 Cu-plastic composite tape	
	组成:厚度(mm)×宽度(mm) Makeup:thickness(mm)×width(mm)		0.012×3.2	
	标称外径(mm) NOM.O.D.(mm)		0.95±0.03	
	覆盖率(%) Coverage ratio(%)		100	
④外导体 Outer conductor	材料 Material		镀锡铜线 Tinned copper wire	
	组成:总根数/单根外径(mm) Makeup:total / O.D. of every wire(mm)		5/0.05	
	标称外径(mm) NOM.O.D.(mm)		1.15±0.05	
	覆盖率(%) Coverage ratio(%)		90±5	
⑤护套层 Jacket	材料 Material		聚全氟乙烯 FEP	
	颜色 Color		白 White	
	标称外径(mm) NOM.O.D.(mm)		1.37±0.05	
<b>电性能特性 Electrical characteristics</b>				
项目 Item	标准值 Standard value	项目 Item	频率 Frequency	标准值 Standard value 单位 Unit: dB/m
电容(pF/m) Capacitance(pF/m)	96	衰减 Attenuation	1GHz	≤1.6
速率(%) Velocity(%)	70		2GHz	≤2.1
阻抗(Ω) Impedance(Ω)	50±2		2.45GHz	≤2.35
驻波比 Standing wave ratio	≤1.3@0~6GHz		3GHz	≤2.6
最大工作电压(V) Max.operating voltage(V)	1000		4GHz	≤3
最大工作频率(GHz) Max.operating frequency(GHz)	6		5GHz	≤3.4
			5.2GHz	≤3.5
			5.8GHz	≤3.6
			6GHz	≤3.7
<b>可靠性 Dependability</b>				
项目 Item	单位 Unit	标准值 Standard value		
最小弯曲半径(一次) Min.bending radius static	mm	5		
最小弯曲半径(重复) Min.bending radius repeated	mm	—		
工作温度范围 Operating temperature	℃	-55~+200		
<b>包装 Packing</b>				
项目 Item	单位 Unit	标准值 Standard value		
包装方式 Packing mode	/	纸盘 Papery plate		
每盘长度 The length of each plate	m	500		
每盘接头数 Each connector plate number	/	≤3		
每段最短长度 The shortest length of each root	m	≥10		
<b>使用提示 Use tips</b>				
存储环境 Storage environment	温度: 30℃以下; 湿度: 20%~65%			
最佳保存周期 The best save cycle	2个月; 2个月以上作业性下降, 如上锡效果变差, 但电性能不受影响。夏季高温高湿环境开剥后需尽快流转			
加工温度 Processing temperature	260℃的极限情况下, 可短时间承受; 300℃以上分子通常带有的等端基会分解; 400℃以上发生显著的热分解			
铁氟龙收缩 Teflon Shrink	固有材料特性。绝缘: 0.2mm以下; 护套: 0.3mm以下			
护套窜动 Jacket traverse	加工长度(护套残留长度)低于5cm易发生			
<b>其他 Other</b>				
特殊加工工艺, 请与供方协商后使用				