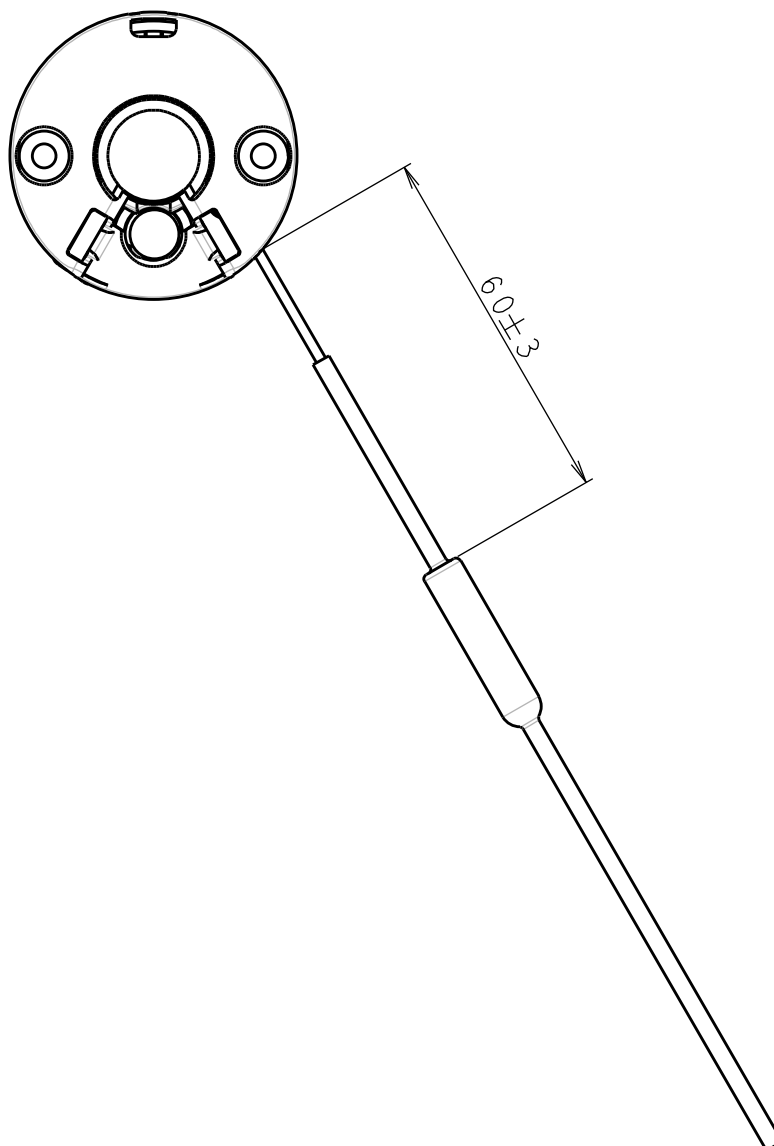


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The part shall not contain restricted substances according to the relevant European ROHS Directive

MATERIAL:

-
-
-

MISH : -

somfy®

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



Modified By:

RAMOS Joel (ramajo01)

Scale.: 1/1

GE0155935

N° :

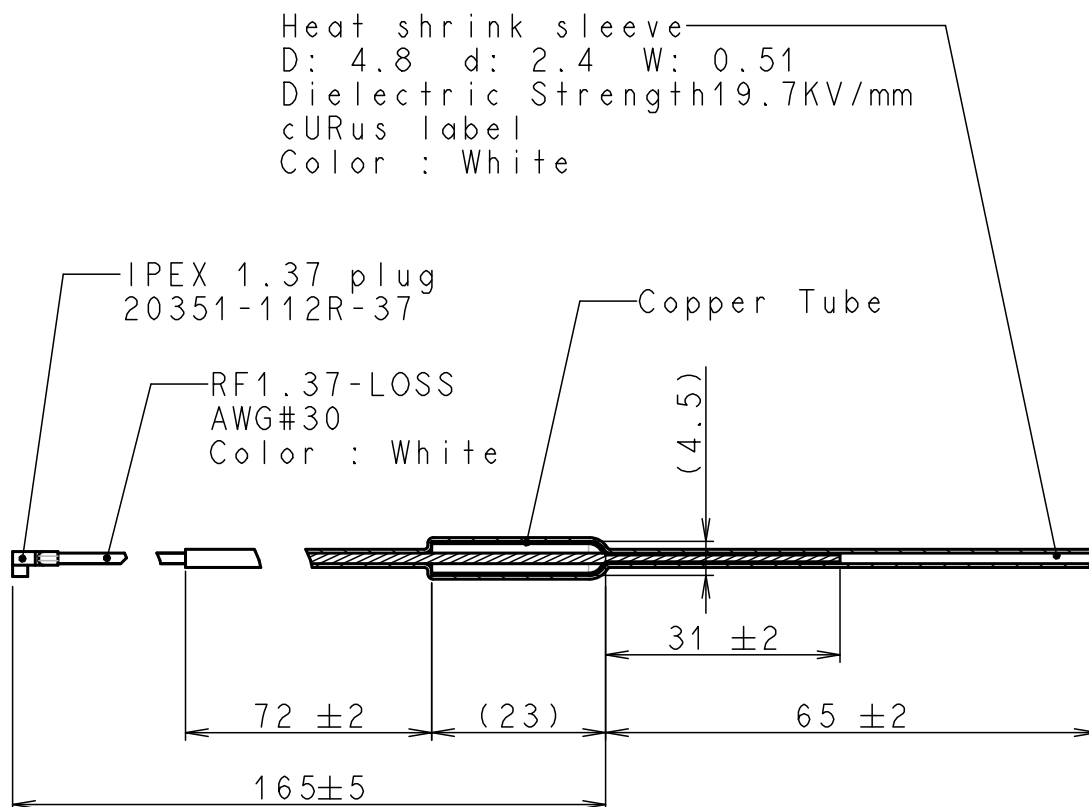
000

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

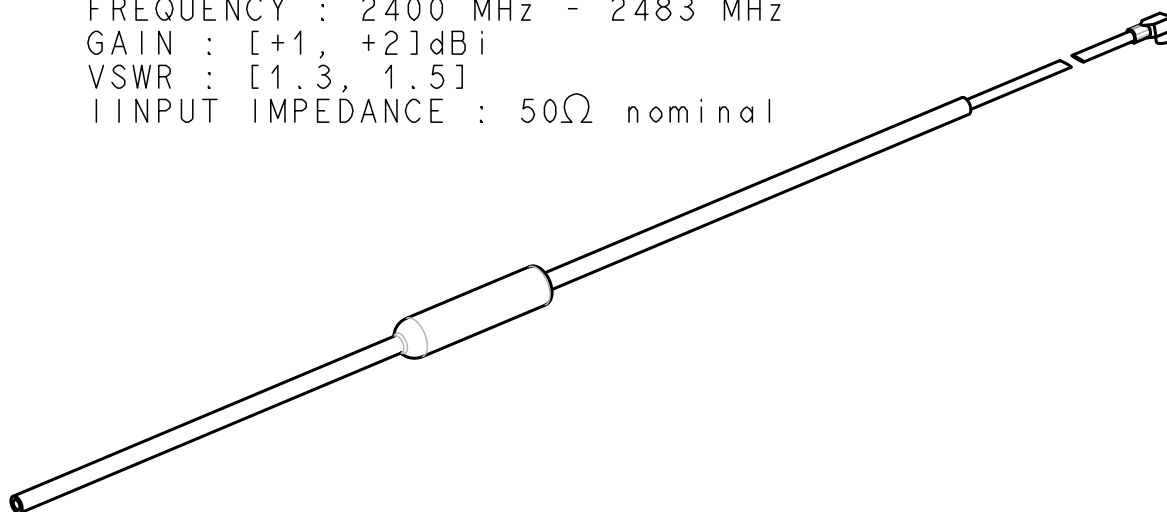
ARTICLE:

AD QT40 ZIGBEE ANTENNA

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



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

MISH : -

MATERIAL:

somfy®

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



Modified By:
RAMOS Joel (ramajo01)

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

ARTICLE:

QT40 ZIGBEE 2.4G ANTENNA

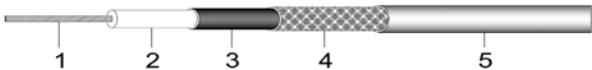
Scale: 1/1 | GEO153711
N°: 5144002 A | 001

1

2

3

A4

型号 Type		RF-1.37L/50	料号 P/N	SY137L/50-003(White)	
结构图 Structure drawing					
结构特性 Structure characteristics					
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			聚全氟乙丙烯 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			铜塑箔 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			聚全氟乙丙烯 FEP	
	颜色 Color			白 White	
	标称外径(mm) NOM.O.D.(mm)			1.37±0.05	
电性能特性 Electrical characteristics					
项目 Item		标准值 Standard value		项目 Item	标准值 Standard value 单位 Unit:dB/m
电容(pF/m) Capacitance(pF/m)		96		衰减 Attenuation	1GHz
速率(%) Velocity(%)		70			2GHz
阻抗(Ω) Impedance(Ω)		50±2			2.45GHz
驻波比 Standing wave ratio		≤1.3@0~6GHz			3GHz
最大工作电压(V) Max.operating voltage(V)		1000			4GHz
最大工作频率(GHz) Max.operating frequency(GHz)		6			5GHz
					5.2GHz
					5.8GHz
					6GHz
可靠性 Dependability					
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	
包装 Packing					
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	
使用提示 Use tips					
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			
其他 Other					
特殊加工工艺，请与供方协商后使用					