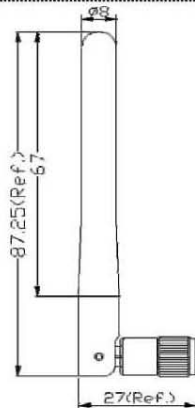


# SPECIFICATION

Part Name ..... 2.4GHz Antenna  
 Part Number ..... DANT-10GSPR



### *Electrical Properties*

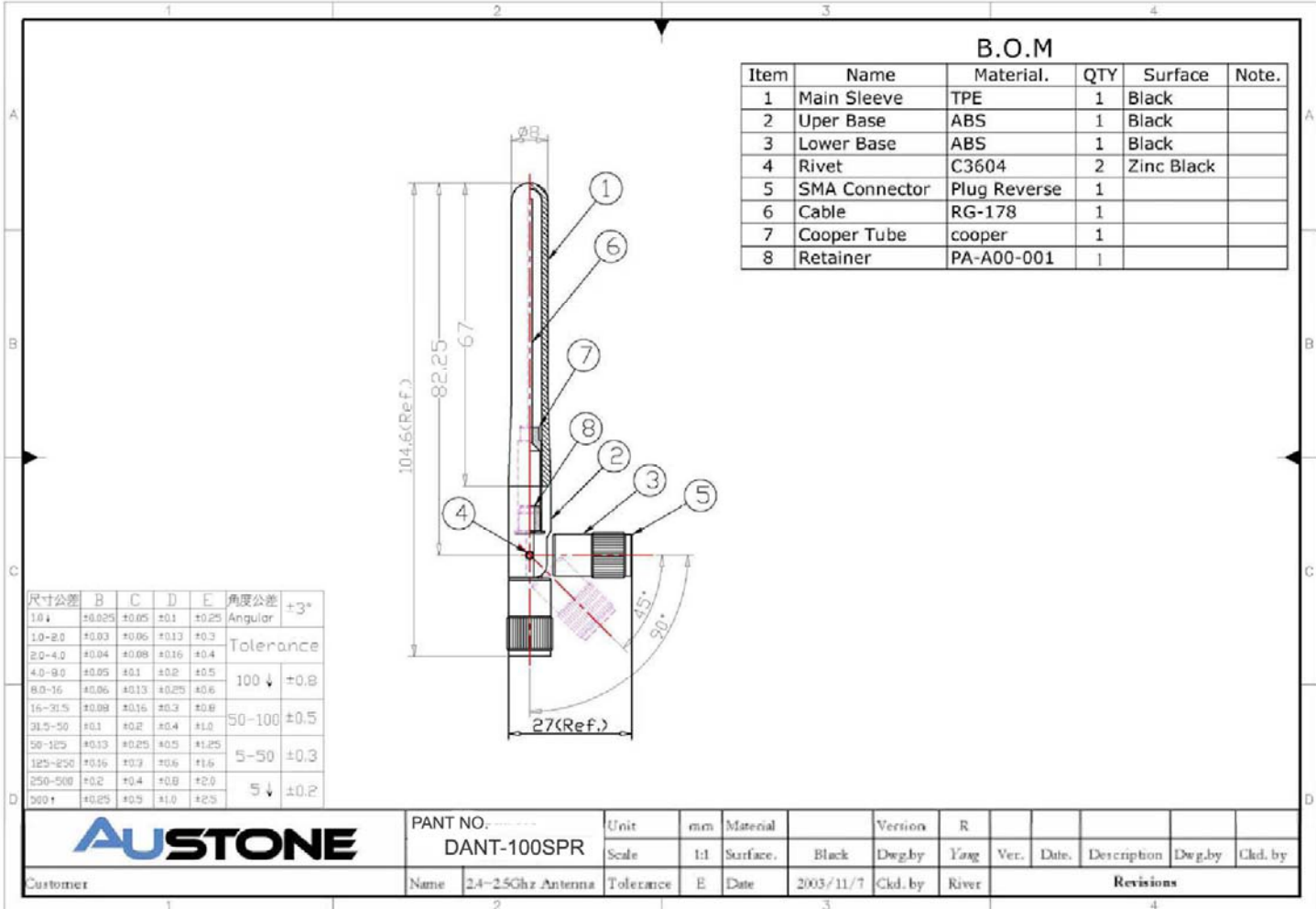
Frequency Range	2.4~2.5GHz
Impedance	50 Ohms nominal
RETURN LOSS	≤ -10db
V.S.W.R	≤ 2
MAX Gain	≥ 2.5dbi
Polarization	Vertical
Radiation	Omni
Electrical Wave	1/4 λ Dipole

### *Mechanical Properties:*

Cable	RG-178
Antenna Cover	Polyurethane (TPE)
Antenna Base	Polyurethane (ABS)
Color	Black
Operation Temperature	-20°C~+65°C
Storage Temperature	-30°C~+75°C



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**B.O.M**

Item	Name	Material.	QTY	Surface	Note.
1	Main Sleeve	TPE	1	Black	
2	Uper Base	ABS	1	Black	
3	Lower Base	ABS	1	Black	
4	Rivet	C3604	2	Zinc Black	
5	SMA Connector	Plug Reverse	1		
6	Cable	RG-178	1		
7	Cooper Tube	cooper	1		
8	Retainer	PA-A00-001	1		

尺寸公差	B	C	D	E	角度公差	+3°
1.0 ↓	±0.025	±0.05	±0.1	±0.25	Angular	
1.0-2.0	±0.03	±0.06	±0.13	±0.3	Tolerance	100 ↓ ±0.8
2.0-4.0	±0.04	±0.08	±0.16	±0.4		
4.0-9.0	±0.05	±0.1	±0.2	±0.5	50-100	±0.5
9.0-16	±0.06	±0.13	±0.25	±0.6		
16-31.5	±0.08	±0.16	±0.3	±0.8	5-50	±0.3
31.5-50	±0.1	±0.2	±0.4	±1.0		
50-125	±0.13	±0.25	±0.5	±1.25	5 ↓	±0.2
125-250	±0.16	±0.3	±0.6	±1.6		
250-500	±0.2	±0.4	±0.8	±2.0		
500 ↑	±0.25	±0.5	±1.0	±2.5		



PANT NO. ....  
DANT-100SPR

Unit	mm	Material	Version	R							
Scale	1:1	Surface.	Black	Dwg.by	Yang	Ver.	Date.	Description	Dwg.by	Ckd.by	
Tolerance	E	Date	2003/11/7	Ckd.by	River	Revisions					