



**THE DATASHEET OF
RFMTA010504NNRB002**



APPROVAL SHEET

Metal ANTENNA

863~928 MHz Working Frequency

Halogens Free Product

P/N: RFMTA010504NNRB002

Customer : _____
Customer 's Part No. : _____
Approval No. : _____
Issue Date : _____

*Contents in this sheet are subject to change without prior notice.

Version	Date	Description	Author
V01	2017 May.	New Release	PIPI

ELECTRICAL CHARACTERISTICS

Item	Specification
Working Frequency Range	863~928 MHz (Note-1)
Impedance	50 Ohm Nominal
VSWR	863~872MHz : 1.5 (MAX) 907~928MHz : 2.0 (MAX)
Return Loss	-10 dB (Max)
Radiation	Omni-directional
Peak Gain	863~872MHz : 1.64dBi 907~928MHz : 2.05 dBi
Polarization	Linear Vertical
Admitted Power	1W
Weight	0.46g ±1%

*Note 1. Central Frequency should be defined after customers' application approval.

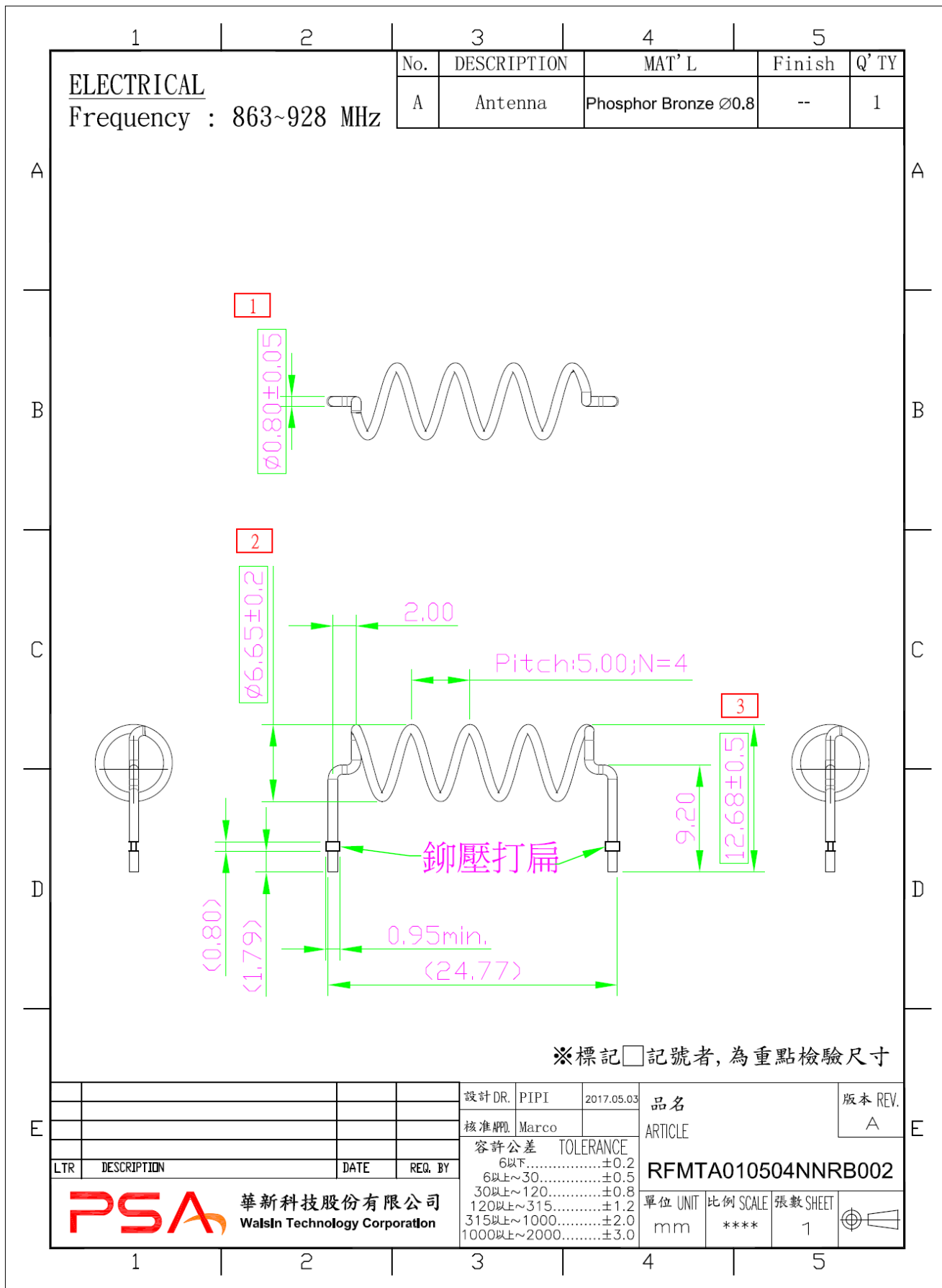
MATERIAL TABLE

Items	Description
Antenna	Phosphor Bronze Ø0.8

ORDERING RULE

RF	MTA	0105	04	N	N	R	B	0	02
Type Code	Product Code	Metal Dimension (Unit: mm)	Cable Length (unit: cm)	Connector Brand	Type of Connector	Application	Project status	Wire Diameter	Project
Walsin RF Device	MTA: Metal Antenna	Per 2 digits of length, width e.g.:3512 Length 35.00mm, Width 12.80mm	2 digits for cable length e.g.:04 Cable Length : 2.85cm	A: N C:MCX D:IPEX III E: IPEX IV F: IPEX A13 H: Hirose I: IPEX M: MMCX S: SMA T: TNC U:MURATA N: None	A: Reverse Female B: Reverse Male F: Female M: Male N: None	0: 0GHz 3: 3GHz 5: 5 GHz 6: 6GHz A: 2.4GHz ISM band B: GSM 900/1800 dual band G: GPS band L: 2.4/5.2/5.8 GHz tri-band N: NFC T:LTE band W: WCDMA band	B: MP T:During Test X: Pile Run	0:None 1:Ø0.81 3:Ø1.13 6:RG316 7:Ø1.37 8:RG178	01~99 series number

DIMENSIONS



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