

APPROVAL SHEET

FPC ANTENNA

2.4 GHz Working Frequency

Halogens Free Product

P/N: RFFPA232003IMAB301

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

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

Approval sheet

Version	Date	Description	Author
V01	2021 Dec.	New Release	SHLEE
V02	2022 Feb.	增加點膠	SHLEE

Approval sheet

ELECTRICAL CHARACTERISTICS

Item	Specification
Working Frequency Range	2.4 ~ 2.5 GHz(Note-1)
Return Loss	-10 dB(Max)
Gain(peak)	4 dBi
VSWR	< 2.0
Impedance	50 Ohm Nominal
Radiation	Omni-directional
Polarization	Linear Vertical
Operation Temperature	-20℃ ~ +85℃

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

MATERIAL TABLE

Items	Description
Antenna	FPC 0.5oz
Double Tape	3M467
Cable	Ø1.13 Cable (Black)
Connector	IPEX (Gold)

ORDERING RULE

RF	FPA	2320	03	I	M	A	B	3	01
Type Code	Product Code	PCB Dimension (Unit: mm)	Cable Length (unit: cm)	Connector Brand	Type of Connector	Application	Project status	Wire Diameter	Project
Walsin RF Device	FPC Antenna	Per 2 digits of length, width e.g.: 2320 Length 23mm, Width 20mm	2 digits for cable length e.g.: 03 Length 3.5cm	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: 5GHz 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: ∅ 0.81 2: ∅ 1.32 3: ∅ 1.13 4: Low Loss ∅ 1.13 5: ∅ 0.5 6: RG316 7: ∅ 1.37 8: RG178 9: Low Loss ∅ 1.37	01~99 series number

Dimensions

