

APPROVAL SHEET

PCB ANTENNA

13.56 MHz Working Frequency

Halogens Free Product

P/N: RFPCA080500NNFB001

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	2020 Feb.	New Release	SHLEE

MATERIAL TABLE

Items	Description
Antenna	PCB FR4 T=0.4 mm(黑漆板)
NFC Chip	FM11NT020
Matching CAP	0402N101J500CTNA
PCB Molding	2 Max

ORDERING RULE

RF	PCA	0805	00	N	N	F	B	0	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	PCB Antenna	Per 2 digits of length, width e.g.: 0805 Length 8mm Width 5.5mm	2 digits for cable length e.g.: 00 None Cable	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

MECHANICAL

Body :FR4(Double Layer)1oz Cu;T=0.4mm,Black 【RFPCA0805-01】

NFC Chip 型號 : FM11NT020

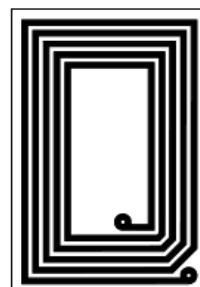
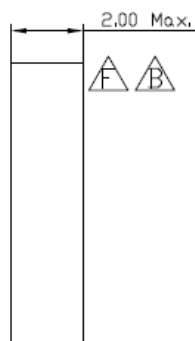
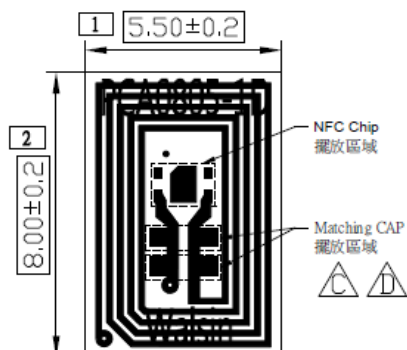
Matching CAP 型號 : 0402N101J500CTNAx2pcs

PCB Molding : 2 Max.

Front View

Side View

Back View



※標記□記號者, 為重點檢驗尺寸

△	新增 PCB Molding 2 Max.	2019.05.06	SHLEE
△	變更 Matching 0402N101J500CT 改為 0402N101J500CTNAx2pcs	2019.03.13	SHLEE
△	變更 Matching CAP PAD	2019.01.18	HWCHAN
△	變更 Matching CAP (由 0201 改為 0402); 變更正面 PAD 大小	2018.11.22	HWCHAN
△	變更厚度 (由 0.2mm 改為 0.4mm); 變更銅箔 (由 20G 改為 1OZ); 刪除鍍氣體	2018.11.07	HWCHAN
LTR	DESCRIPTION	DATE	REQ. BY

設計 DR.	HWCHAN	2018.10.17
核准 APP.	Marco	
容許公差 TOLERANCE		
6 以下	±0.2	
6 以上 ~ 30	±0.5	
30 以上 ~ 120	±0.8	
120 以上 ~ 315	±1.2	
315 以上 ~ 1000	±2.0	
1000 以上 ~ 2000	±3.0	

品名	版本 REV.
ARTICLE	F
RFPCA080500NNFB001	
單位 UNIT	比例 SCALE
mm	****
張數 SHEET	1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Walsin:](#)

[RFPCA080500NNFB001](#)