

BPI-M2+ wifi antenna slot

banana pi BPI-M3 have support ap6212 wifi&BT module onboard

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BPI-M3 have wifi antenna on board

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wifi extend antenna slot spec:

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RECOMMENDED PCB LAYOUT

NOTE: UNLESS OTHERWISE SPECIFIED

1. DIMENSION SHALL BE INTERPRETED PER ANSI Y14.5M-1994.
2. DIMENSION MARKED WITH "▼" SHOULD SPECIFIED ON INSPECTION PLAN.
3. CONTACT RETENTION FORCE: 0.4 N MIN.
4. CONTACT MATERIAL: COPPER ALLOY.
5. INSULATOR: HIGH TEMPERATURE PLASTIC UL94 V-0.
6. CONTACT FINISH: GOLD PLATED 5u" ON MATING AREAR, GOLD FINISH 1u" ON SHELL, ALL OVER 50u" NICKEL UNDER PLATED.
7. ALL MATERIAL MEET RoHS SPECIFICATION AND IN CONFORMITY WITH REACH & SVHC STANDARD STIPULATIONS.

ITEM	PART NUMBER	DESCRIPTION	Q'TY
3	GROUND PAD	METAL SHELL, GOLD/BRIGHT GOLD PLATING	1
2	CENTER PIN	CENTER CNT, GOLD/BRIGHT GOLD PLATING	1
1	HOUSING	OVER MOLD HOUSING, LCP, IVORY, UL94V-0	1

TOLERANCES			
X ±0.50	XX ±0.15		
X ±0.25	XXX ±0.10		
ANGLES #2°			
TITLE		DATE	DESIGNER
RF RECEPTACLE(U.FL)		19/09/17	ERIC
DWG NO.		CHECK	
635004802			MICHAEL
FINISH		APPD	
			MICHAEL
SCALE	UNITS	SHEET	SIZE REV
1:1	mm	1 OF 1	A# 0
REV	REVISION DESCRIPTION	DATE	SIGNATURE

so you can use 3DB/5DB wifi antenna on BPI-M2+

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