

2.4Ghz IFA Trace Antenna Datasheet

Date: 2/19/2024

Version: 2.0.0

General Specifications

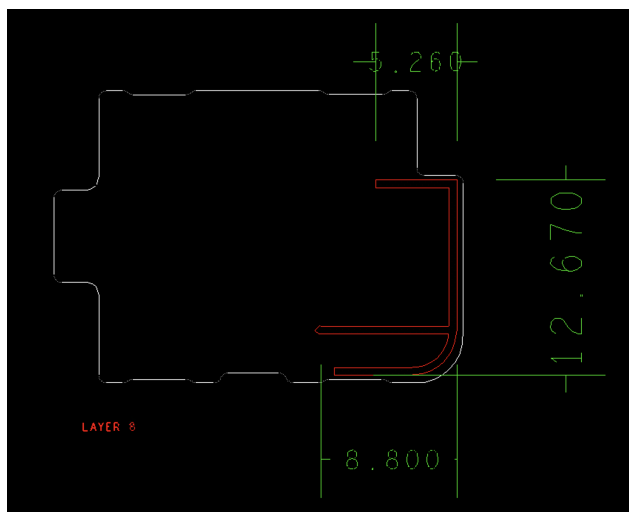
Part Number	810-00056-00 REV04
Frequency (MHz)	2400 - 2500
Peak Gain (2402MHz)	-3.38 dBi
Peak Gain (2440MHz)	-2.78 dBi
Peak Gain (2480MHz)	-2.08 dBi
Impedance	50 Ω

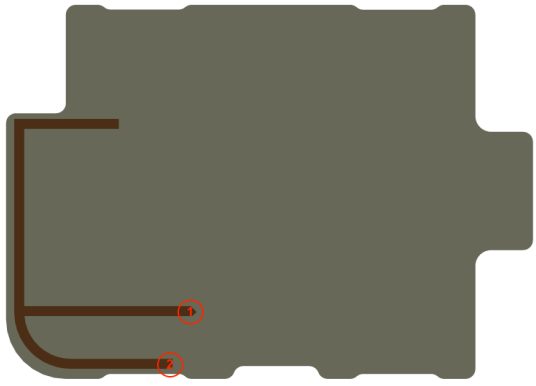


Manufacturer Details

Manufacturer	Level Home Inc.
Manufacturer Address	935 Main St, Redwood City, CA, USA, 94063

Mechanical Dimensions (mm)



Terminal Configuration		
No.	Function	
1	FEED	
2	GND	

Stackup		
Layer	Details	Thickness (um)
Solder Mask	-	20
Sig 1	62% w/plating	30
Prepreg	EM-378(D) 106 RC76%X1	59
Sig 2	62% w/plating	20
Prepreg	EM-378(D) 106 RC76%X1	54
Sig 3	62% w/plating	30
Prepreg	EM-378(D) 106 RC76%X1	57
Sig 4	68%	30
Core	EM-3709D) 8mil 1/1 7629X1	203
Sig 5	68%	30
Prepreg	EM-378(D) 106 RC76%X1	57
Sig 6	60% w/plating	30
Prepreg	EM-378(D) 106 RC76%X1	54
Sig 7	62% w/plating	20
Prepreg	EM-378(D) 106 RC76%X1	59
Sig 8	63% w/plating	30
Solder Mask	-	20

