

ANTENNA SPECIFICATION

Product description: 2.4G ceramic Antenna

Uni Link's part number: CS-2450-16-B

Issue Date: 2026.04.03

Note: 2400-2500MHZ

1、（PRODUCT TECHNICAL SPECIFICATION）

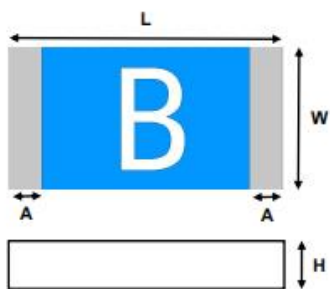
Electrical Specifications	
Frequency Range (MHz)	2400-2500
Input Impedence (Ω)	50
V. S. W. R	≤ 2
Gain(dBi)	-2max
Polarization Type	Linear
Power Capacity (w)	/
Mechanical Specifications	
Antenna Length (mm)	NC
Radiator	ceramic
Connect Type	SMT
Working Temp($^{\circ}\text{C}$)	-40~85
Storage Temperature($^{\circ}\text{C}$)	+5 ~ +40 $^{\circ}\text{C}$
antenna size	1.6*0.8*0.4mm
Weight(g)	/

2、PRODUCT PICTURE



CS-2450-16-B

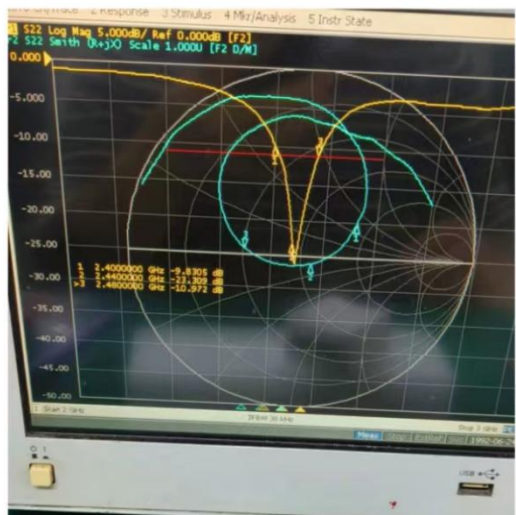
3、PRODUCT SPECIFICATION CHART



Units:mm

L	W	H	A
1.60±0.20	0.80±0.20	0.40±0.10	0.2±0.07

4、Image of antenna field shape test



Frequency	Effic	Percen	Gain
2400	-5.88371	25.80054%	-3.96157
2410	-5.61911	27.42136%	-3.70191
2420	-5.34358	29.21746%	-3.39059
2430	-4.78626	33.21801%	-2.63727
2440	-4.67085	34.11262%	-2.30563
2450	-4.75724	33.44078%	-2.15164
2460	-4.82079	32.95501%	-2.03175
2470	-5.29933	29.51665%	-2.31091
2480	-5.51486	28.08757%	-2.31753
2490	-5.95188	25.39875%	-2.42235
2500	-6.58863	21.93495%	-2.8405

2D Gain Pattern

