

# LTE Full-Band Chip Antenna

**MODEL: CC40D9**

**P/N: H2UE3P1D2G0100**



## Features

- Compatible with LTE full-band/ 3G/ 2G
- Stable and reliable in performances
- Compact size
- RoHS2.0 compliance
- SMT processes compatible
- AEC-Q200 compliant

## Applications

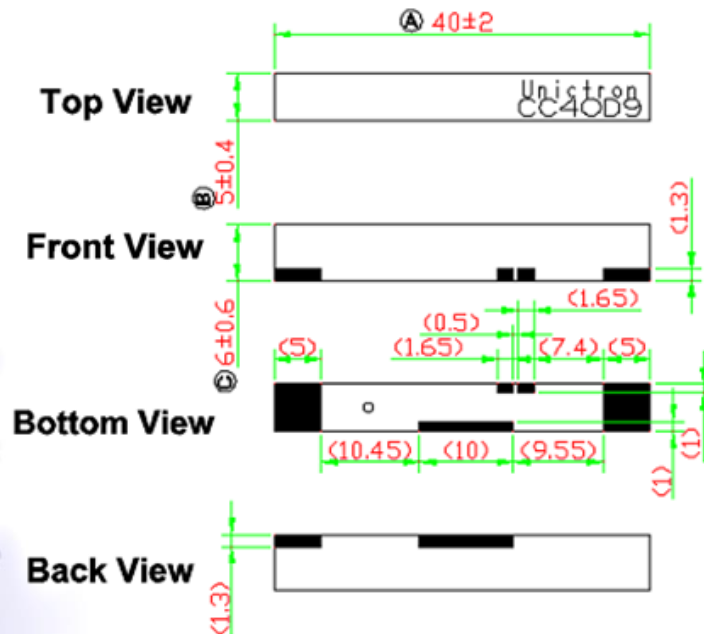
- LTE full-band/ 3G/ 2G
- LTE / GSM / CDMA /DCS /PCS / WCDMA / UMTS / HSDPA / GPRS / EDGE /IMT

## Specifications

Items	Specifications				
<b>Frequencies (MHz)</b>	698 ~ 798	824 ~ 960	1710 ~ 2170	2300 ~ 2400	2490 ~ 2690
<b>VSWR</b>	3.5 Max.				
<b>Efficiency (%)</b>	65 Typ.	57 Typ.	69 Typ.	67 Typ.	62 Typ.
<b>Peak Gain (dBi)</b>	1.4 Typ.	0.7 Typ.	3.2 Typ.	3.8 Typ.	4.2 Typ.
<b>Test Condition</b>	120 x 45 mm <sup>2</sup> (Evaluation board)				
<b>Impedance (Ω)</b>	50				
<b>Polarization</b>	Linear Polarization				

Mechanical Specifications	
<b>Dimensions (mm)</b>	40 (L) x 5 (W) x 6 (H)
<b>Material</b>	Ceramic
Environmental Conditions	
<b>Operation Temperature (°C)</b>	-40 ~ +85
<b>Storage Temperature (°C)</b>	-5 ~ +40
<b>Relative Humidity</b>	10 ~ 70 %

## Mechanical Dimensions (unit : mm)



\*This specification is subject to change without prior notice