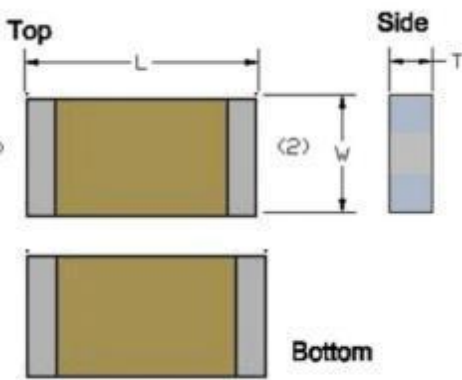




SMD, high reliability, ultra Impact, Omni-directional ...

Part number Information

RANT 2012 E 245

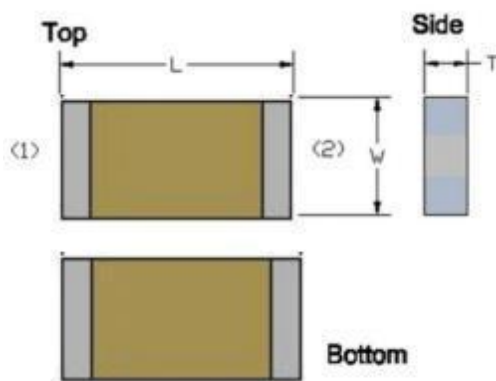


(A)	(B)	(C)	(D)	$\frac{C}{(E)}$	$\frac{08}{(F)}$
(A) Product Type	Chip Antenna				
(B) Size Code	2.0x1.2mm(+0.2mm)				
(C) Material	High K material				
(D) Frequency	2.4 ~ 2.5GHz				
(E) Feeding mode	PIFA & Single Feeding				
(F) Antenna type	Type=05				

Electrical Specification

Working Frequency Range	2400 ~2484 MHz
Bandwidth	84 (Min.)
Peak Gain	1.95dBi (Typ.)
Impedance	50 Ohm
Return loss	10 dB (Min)
Polarization	Linear
Azimuth Beamwidth	Omni- directional
Operation Temperature(°C)	-40 ~85°C
Resistance to Soldering Heats	10sec. (@ 280°C)
Termination	Ni / Au (Leadless)

The specification is defined on EVB.

Dimension and Terminal Configuration

Dimension (mm)	
L	2.05+0. 15
W	1.20+0. 15
T	0.85+0. 10

No.	Terminal Name
1	Feeding/ GNG
2	GND

2.4GHz 2012 Chip Antenna: RANT2012F245C08

