



5.0 x 2.0 x 1.2 mm

PART IDENTIFICATION:

NOT RECOMMENDED FOR NEW DESIGNS

ACA-103-



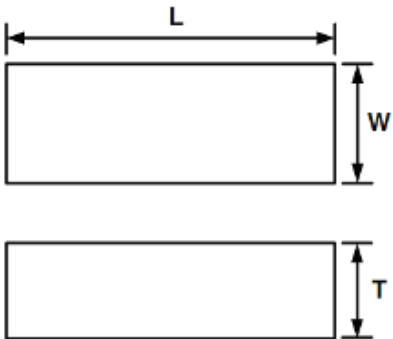
Packaging

Blank: Bulk

T: Tape and Reel

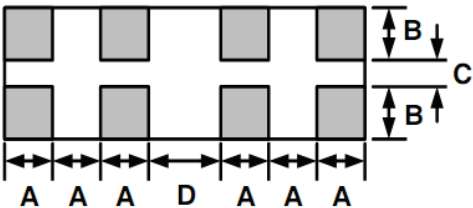
OUTLINE DIMENSIONS:

Chip Antenna Dimension

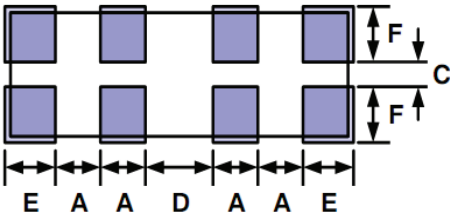


Recommended Land Pattern

Chip Antenna  
Soldering Pad Dimension



PCB  
Soldering Land Dimension



Parameter	L	W	T	A	B	C	D	E	F
Value [mm]	5.0 ± 0.1	2.0 ± 0.1	1.2 ± 0.1	0.6	0.8	0.4	1.4	0.7	0.9

(Unless Specified tolerances are ± 0.005mm)

(Dimensions: mm)



# Bluetooth / WiFi / Dual Band Chip Antenna 2.4 ~ 5.4GHz

ACA-103-T

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RoHS / RoHS II Compliant

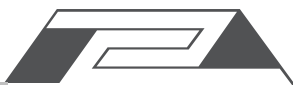
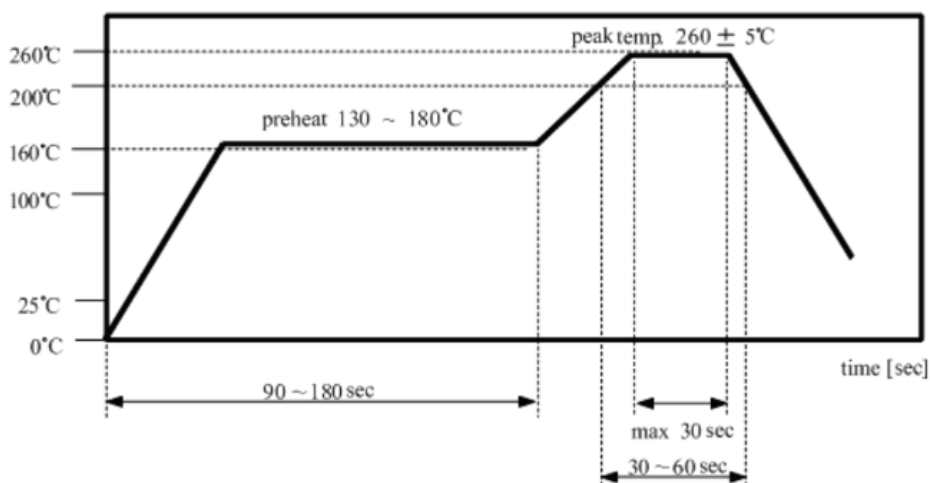


5.0 x 2.0 x 1.2 mm

## ANTENNA EFFICIENCY:

3D	Peak [dBi]	Average [dBi]	Efficiency [%]	Isolation [dB]
2400MHz	1.26	-1.65	68.44	-22.4
2445MHz	2.28	-0.74	84.34	-15.9
2485MHz	0.59	-2.63	54.63	-14.8
5150MHz	2.54	-1.97	63.52	-21.0
5500MHz	2.62	-2.19	60.43	-17.6
5825MHz	3.22	-2.14	57.35	-21.9

## REFLOW PROFILE:



Bluetooth / WiFi / Dual Band Chip Antenna 2.4 ~ 5.4GHz

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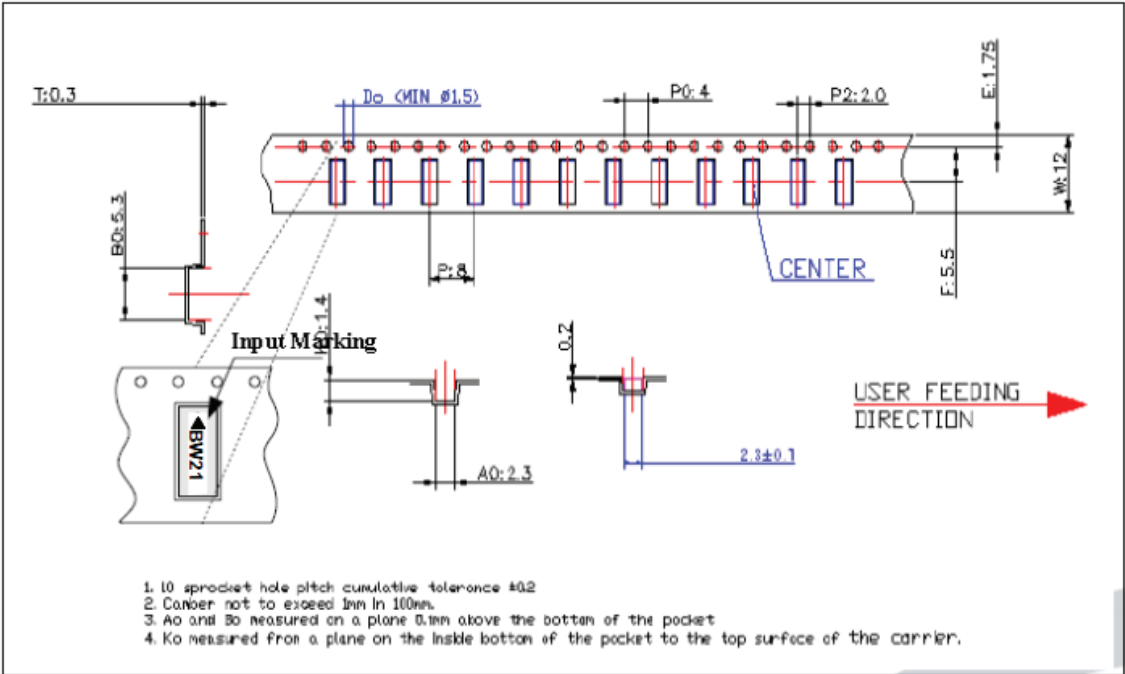
RoHS / RoHS II Compliant



5.0 x 2.0 x 1.2 mm

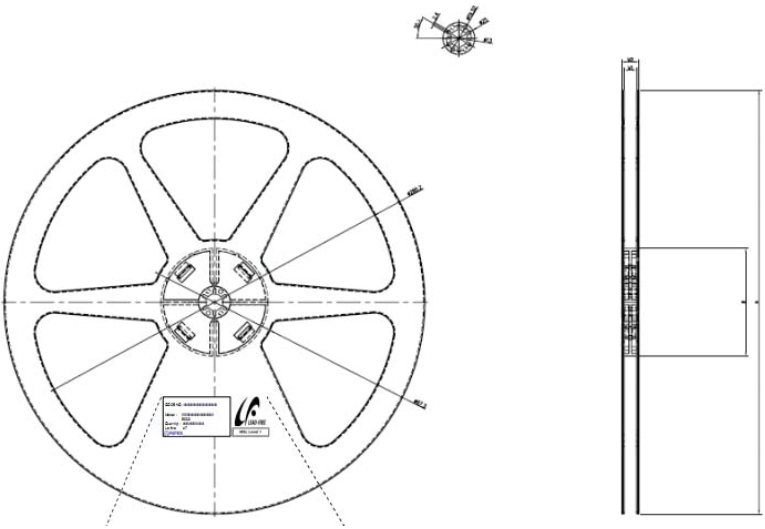
TAPE & REEL:

Packaging: 1,000 Units Per Reel



W	12.0±0.2
E	1.75±0.1
F	5.5±0.1
D0	1.5±0.1
P	8.0±0.1
P0	4.0±0.1
P2	2.0±0.1
A0	2.3±0.1
B0	5.3±0.1
K0	1.4±0.1
T	0.3±0.05

Reel Dimensions:



W1	13.5
W2	17.5

(Dimensions: mm)

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