

Please refer to the latest specification before using this product since the preliminary specification could be revised without notice.

1. Electrical Characteristics

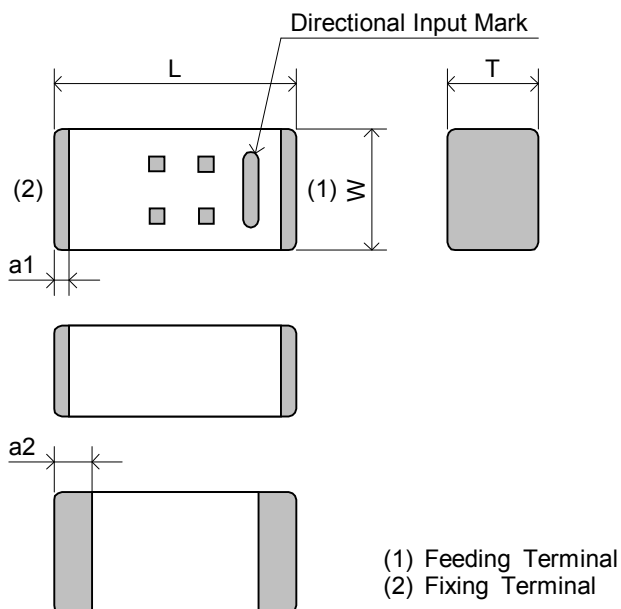
Operation Temp	-40 to +85 degree C
Polarization	Linear
Frequency (Fo)	2442MHz.
Band Width (BW)	Fo +/- 42MHz.
V.S.W.R at BW	4.0 max.
Impedance	50 Ω

Note 1: This electrical characteristics are influenced by the land pattern, PWB size, case and so on.

Note 2: This electrical characteristics are guaranteed with our standard measurement condition which is used our standard land pattern and PWB in FIGURE 2.2 and 2.3.

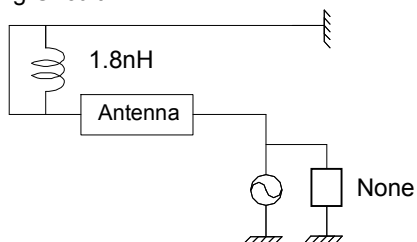
2. Mechanical

2.1. Dimensions

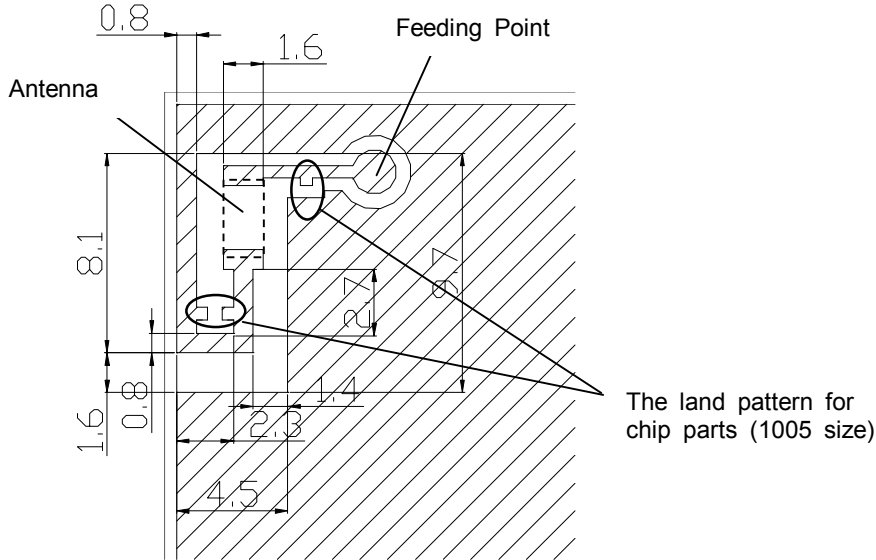


Mark	Dimension [mm]
L	3.2 +/-0.2
W	1.6 +/-0.2
T	1.2 +0.1/-0.2
a1	0.2 +/-0.2
a2	0.5 +/-0.2

Matching Circuit

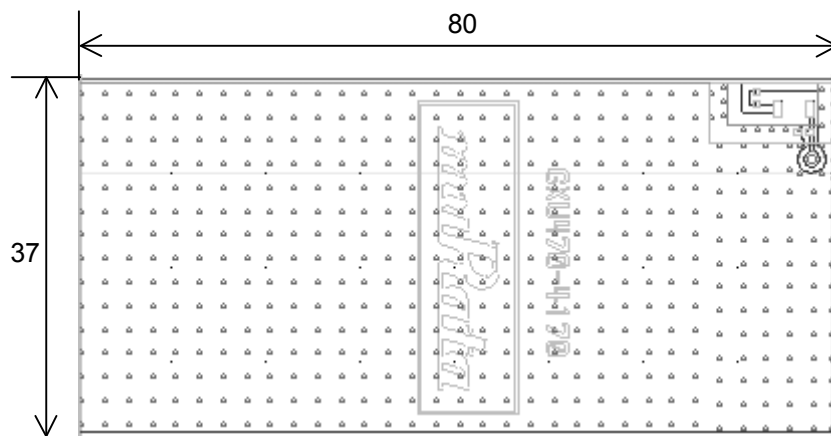


2.2. Standard lands pattern



OTHERWISE SPECIFIED: +/-0.1
 UNIT: mm

2.3. Standard PWB



TOLERANCES UNLESS
 OTHERWISE SPECIFIED: +/-1.0
 UNIT: mm

Note: Impedance of signal lines should be 50 ohms including land pattern. The standard condition is applying the glass epoxy board (t = 1.0 mm, dielectric constant = 4.8, copper plating on both surfaces) and the land patterns are connected to 50 ohms micro-strip lines on backside surface through the via hole.