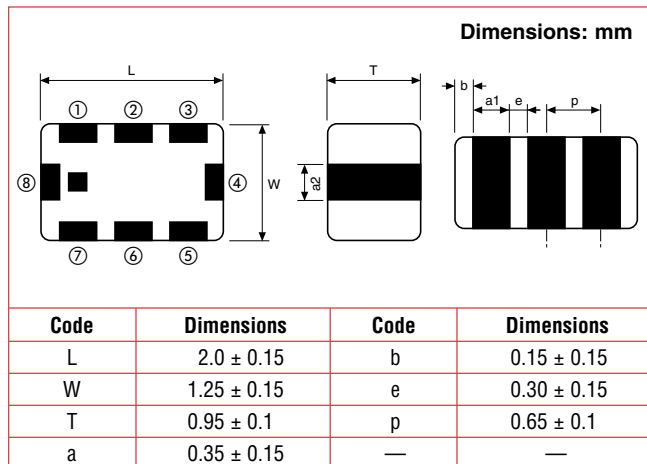


#### FEATURES

- Small size: see dimensions
- Metal shielding on inner chip
- No adjustment required
- Tape and reel packaging
- Reflow solderable
- Frequency request flexibility
- Frequency range from 200MHz to 2.5GHz

#### LFTC15 TYPE

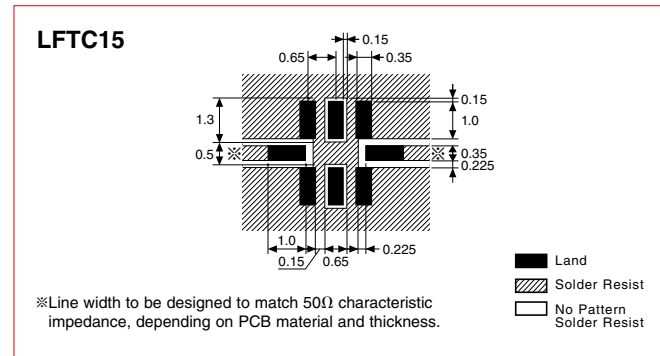


#### TERMINALS: LFTC15 TYPE

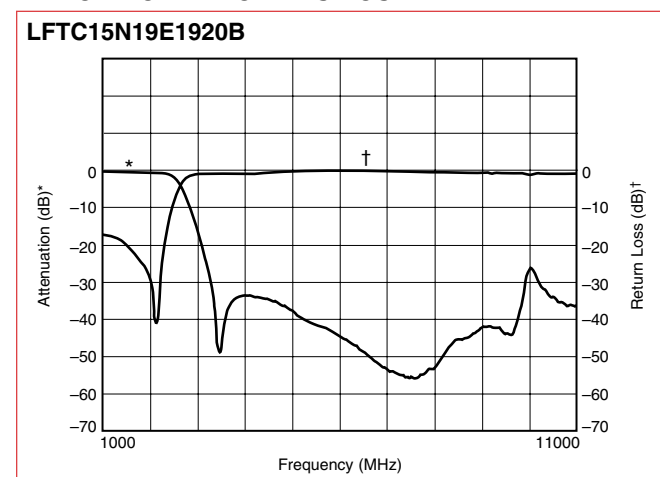
| Terminal No. | Terminal Name | Terminal No. | Terminal Name |
|--------------|---------------|--------------|---------------|
| ①            | GND           | ⑤            | GND           |
| ②            | NC            | ⑥            | NC            |
| ③            | GND           | ⑦            | GND           |
| ④            | OUT           | ⑧            | IN            |

Terminal of "NC" should not be fixed any pattern.

#### STANDARD LAND DIMENSIONS: mm



#### TYPICAL CHARACTERISTICS



#### SPECIFICATIONS

| System  | Part Number     | Frequency Range (MHz) | Insertion Loss |                    | VSWR     | Attenuation (dB)                       | Power Capacity |
|---------|-----------------|-----------------------|----------------|--------------------|----------|--|----------------|
|         |                 |                       | at 25°C (dB)   | at -40 ± 85°C (dB) |          |  |                |
| AMPS    | LFTC15N19E0836B | 836.5 ± 12.5          | 0.48 max.      | 0.5 max.           | 1.7 max. | 30 min. at 2 x fo<br>25 min. at 3 x fo | 3 Watts        |
| EGSM    | LFTC15N19E0897B | 897.5 ± 17.5          |                |                    |          |  |                |
| SST900  | LFTC15N19E0915B | 915.0 ± 13.0          |                |                    |          |  |                |
| PDC800  | LFTC15N19E0950B | 950.0 ± 10.0          | 0.48 max.      | 0.5 max.           | 1.7 max. | 30 min. at 2 x fo<br>25 min. at 3 x fo | 3 Watts        |
| PDC1.5  | LFTC15N19E1441B | 1441 ± 12.0           |                |                    |          |  |                |
| PCS     | LFTC15N19E1880B | 1880 ± 30.0           |                |                    |          |  |                |
|         | LFTC15N19E1960B | 1960 ± 30.0           |                |                    |          |  |                |
| DECT    | LFTC15N19E1890B | 1890 ± 10.0           |                |                    |          |  |                |
| PHS     | LFTC15N19E1907B | 1907.5 ± 12.5         |                |                    |          |  |                |
| SST2.4  | LFTC15N19E2450B | 2450 ± 50             | 0.5 max.       | 0.53 max.          | 1.5 max. | 30 min. at 2 x fo<br>25 min. at 3 x fo | 3 Watts        |
| DCS1800 | LFTC15N19E1747B | 1747.5 ± 37.5         |                |                    |          |  |                |
| DCS1800 | LFTC15N19E1842B | 1842.5 ± 37.5         |                |                    |          |  |                |

Note: This is a limited list. Other frequencies available upon request.