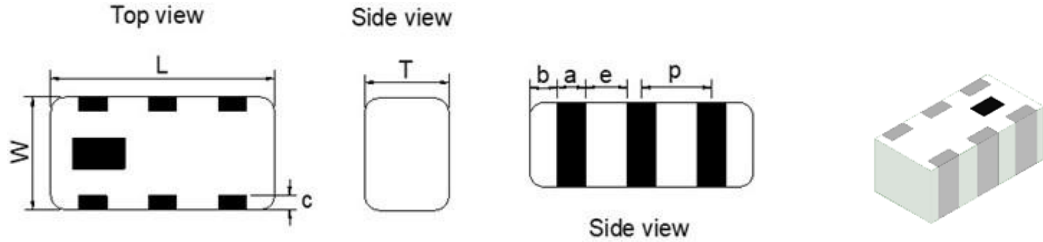


# SPECIFICATION

REF. :

| PROD NAME. | Multilayer Low Pass Filter | ABC'S DWG NO. |            | LGLF16080960A01RTB-□□□ |   |
|------------|----------------------------|---------------|------------|------------------------|---|
|            |                            | REV.          | 20260601-D | PAGE                   | 1 |

## I. Configuration and dimensions :



Unit : mm

| L       |                 | W        |         | T       |
|---------|-----------------|----------|---------|---------|
| 1.6±0.1 |                 | 0.8±0.1  |         | 0.6±0.1 |
| a       | b               | c        | e       | p       |
| 0.2±0.1 | 0.20+0.10/-0.15 | 0.15±0.1 | 0.3±0.1 | 0.5±0.1 |

## II. APPLICATION & Materials :

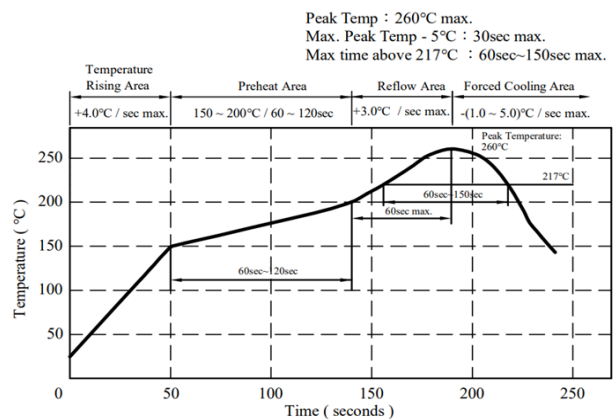
- For 690-960 MHz
- Body : Ceramic
- Internal conductor : Silver
- Terminal electrode : Ag / Ni / Sn
- Products comply with RoHS' requirements
- Halogen free

## III. General specification :

- Operating Temp : -40~85°C
- Resistance to soldering heat :

Solder temp. : 260°C

Dip time :10 sec max



# SPECIFICATION

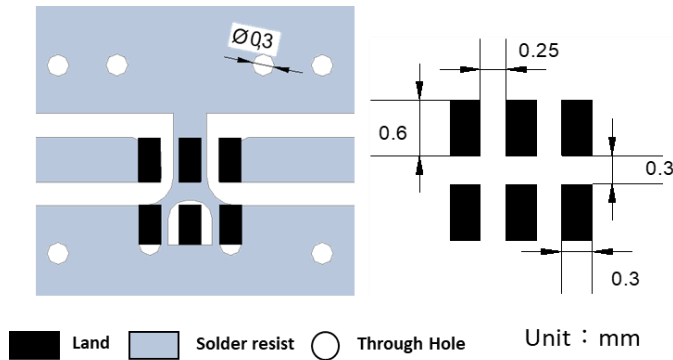
REF. :

| PROD NAME. | Multilayer Low Pass Filter | ABC'S DWG NO. |            | LGLF16080960A01RTB-□□□ |   |  |
|------------|----------------------------|---------------|------------|------------------------|---|--|
|            |                            | REV.          | 20260601-D | PAGE                   | 2 |  |

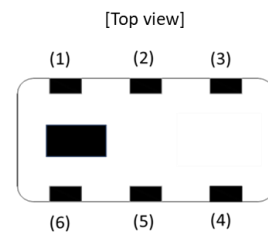
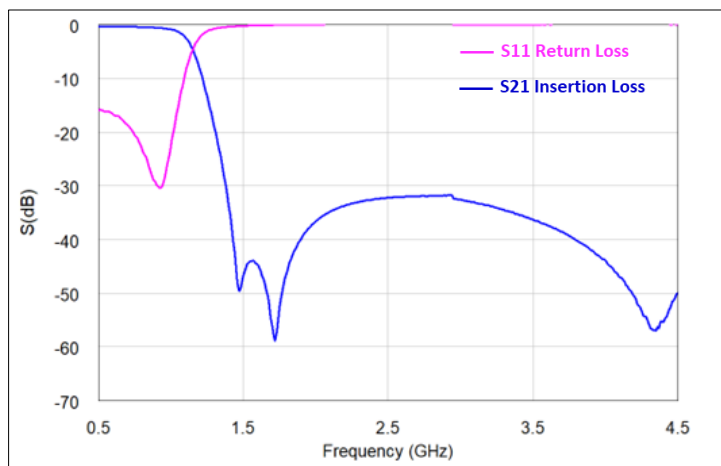
## IV. Electrical characteristics :

| Item                     | Frequency Range (MHz) | Min.        | Max. |
|--------------------------|-----------------------|-------------|------|
| Insertion Loss (dB)      | 690~960               | -           | 0.80 |
| Return Loss (dB)         | 690~960               | 10          | -    |
| Attenuation (dB)         | 1500 ~1700            | 30          | -    |
|                          | 1700~ 2600            | 30          | -    |
| characteristic impedance |                       | 50 $\Omega$ |      |

## V. RECOMMENDED LAND PATTERN :



## VI. ELECTRICAL CHARACTERISTICS



| Terminal Configuration |               |     |               |
|------------------------|---------------|-----|---------------|
| NO.                    | Terminal Name | NO. | Terminal Name |
| (1)                    | GND           | (4) | IN            |
| (2)                    | NC            | (5) | GND           |
| (3)                    | GND           | (6) | OUT           |

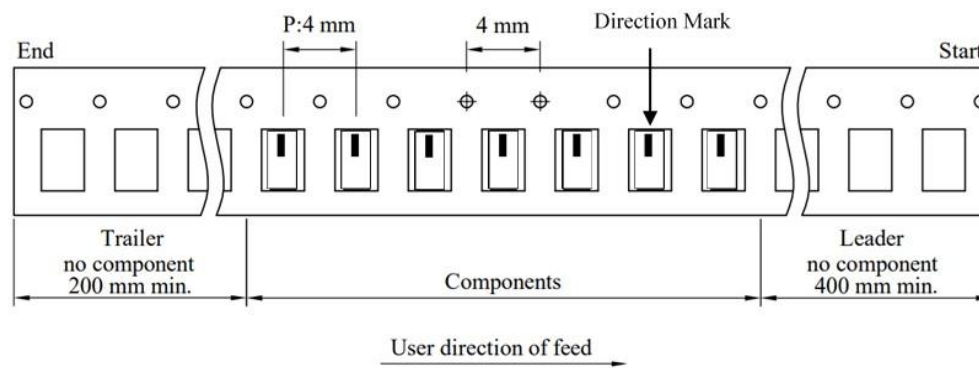
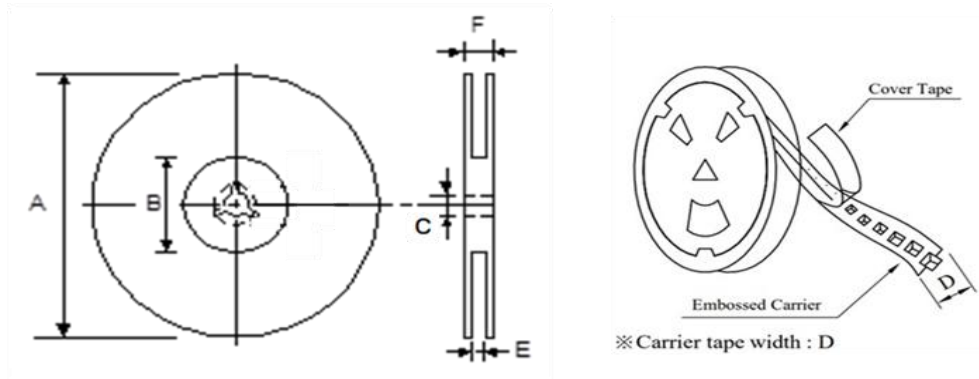
# SPECIFICATION

REF. :

|            |                            |               |            |                        |   |  |
|------------|----------------------------|---------------|------------|------------------------|---|--|
| PROD NAME. | Multilayer Low Pass Filter | ABC'S DWG NO. |            | LGLF16080960A01RTB-□□□ |   |  |
|            |                            | REV.          | 20260601-D | PAGE                   | 3 |  |

## VII. Packaging information :

### ( 1 ) Configuration



### ( 2 ) Dimensions

Unit : mm

| Style | A   | B  | C  | D | E   | F  |
|-------|-----|----|----|---|-----|----|
| 07-08 | 178 | 60 | 13 | 8 | 9.5 | 12 |

### ( 3 ) Q'TY & G.W. Per package

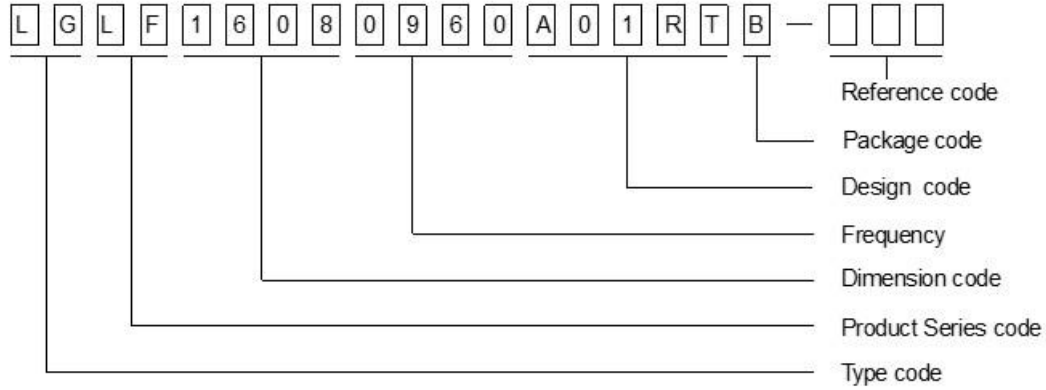
| Code | Inner : Reel |       | Outer : Carton |              |
|------|--------------|-------|----------------|--------------|
|      | Q'TY (pcs)   | Style | Q'TY (pcs)     | Size (cm)    |
| B    | 4,000        | 07-08 | 200,000        | 41 x 39 x 22 |

# SPECIFICATION

REF. :

|            |                            |               |            |                          |   |  |
|------------|----------------------------|---------------|------------|--------------------------|---|--|
| PROD NAME. | Multilayer Low Pass Filter | ABC'S DWG NO. |            | L LGLF16080960A01RTB-□□□ |   |  |
|            |                            | REV.          | 20260601-D | PAGE                     | 4 |  |

## VIII. Drawing number expression :



### Appendix code 2: Package Information

| Code | Inner package       | Cover tape | Carrier tape | Bag        | Package Q'TY | Remark |
|------|---------------------|------------|--------------|------------|--------------|--------|
| B    | T /R (Reel package) | Heat seal  | Antistatic   | Antistatic | 4,000 pcs    |        |

Reliability Test Number: RTS No.0034