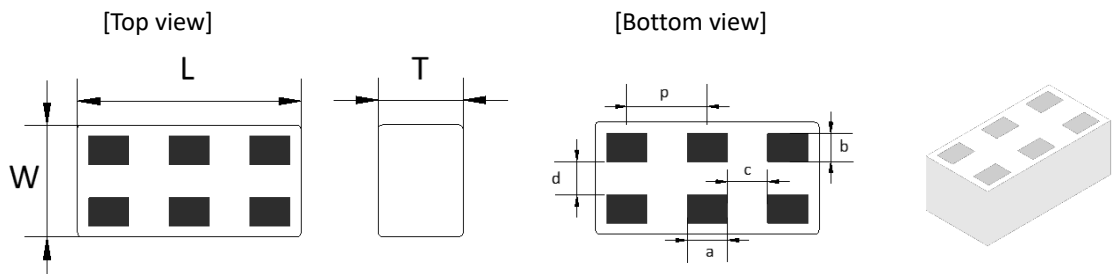


# SPECIFICATION

REF. :

<b>PROD NAME.</b>	<b>Multilayer Low Pass Filter</b>	<b>ABC'S DWG NO.</b>		<b>LGLF10050960A01RGB -□□□</b>	
		<b>REV.</b>	<b>20260305-A</b>	<b>PAGE</b>	<b>1</b>

**I. Configuration and dimensions :**



Unit : mm

L		W		T
1.0±0.05		0.50±0.05		0.38max
a	b	c	d	p
0.18±0.05	0.125±0.05	0.18±0.05	0.15±0.05	0.36±0.05

**II. APPLICATION & Materials :**

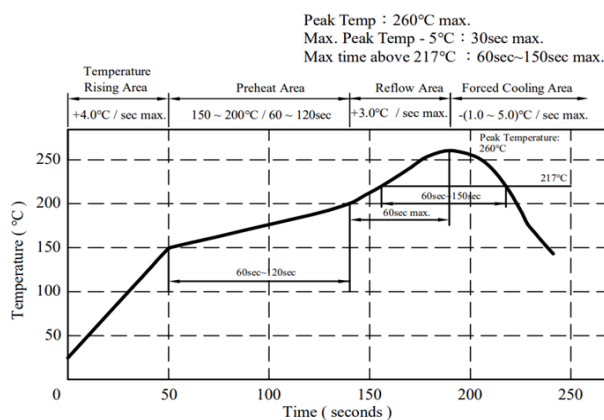
- a. For 690-960 MHz
- b. Body : Ceramic
- c. Internal conductor : Silver
- d. Terminal electrode : Ag / Ni / Sn
- e. Products comply with RoHS' requirements
- f. Halogen free

**III. General specification :**

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

Solder temp. : 260°C

Dip time :10 sec max



# SPECIFICATION

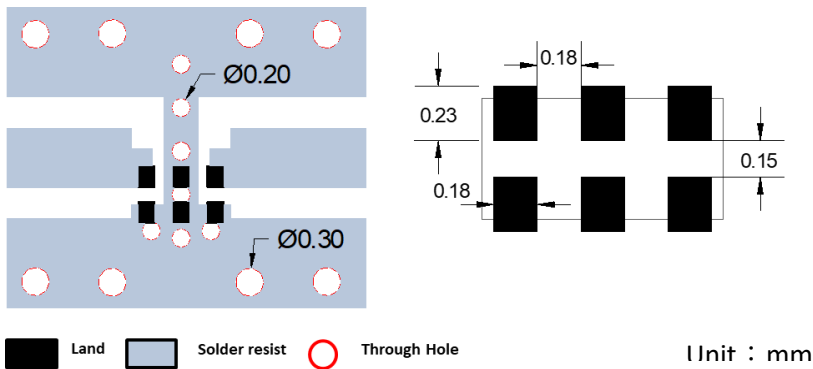
REF. :

<b>PROD NAME.</b>	<b>Multilayer Low Pass Filter</b>	<b>ABC'S DWG NO.</b>		<b>LGLF10050960A01RGB -□□□</b>	
		<b>REV.</b>	<b>20260305-A</b>	<b>PAGE</b>	<b>2</b>

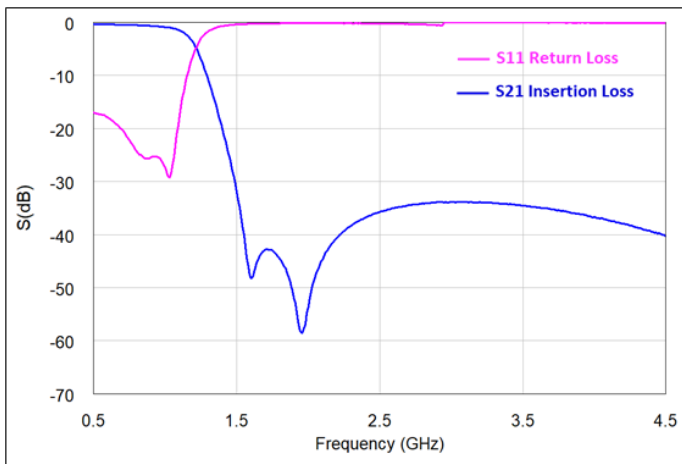
## IV. Electrical characteristics :

Item	Frequency Range (MHz)	Min.	Max.	Typ.
Insertion Loss (dB)	690~960	-	1.0	
Return Loss (dB)	690~960	10	-	
Attenuation (dB)	1500 ~1700	25	-	
	1700~ 2600	30	-	
characteristic impedance		50 Ω		

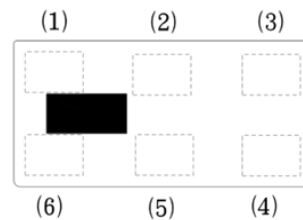
## V. RECOMMENDED LAND PATTERN :



## VI. ELECTRICAL CHARACTERISTICS



[Top view]



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

AR-001C

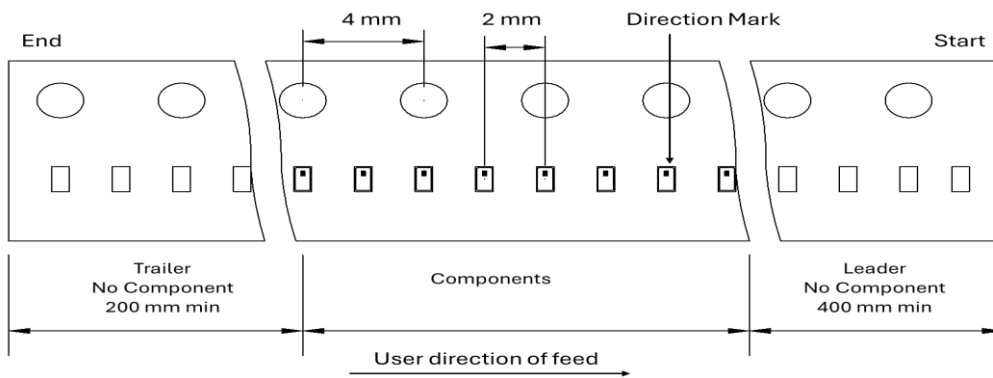
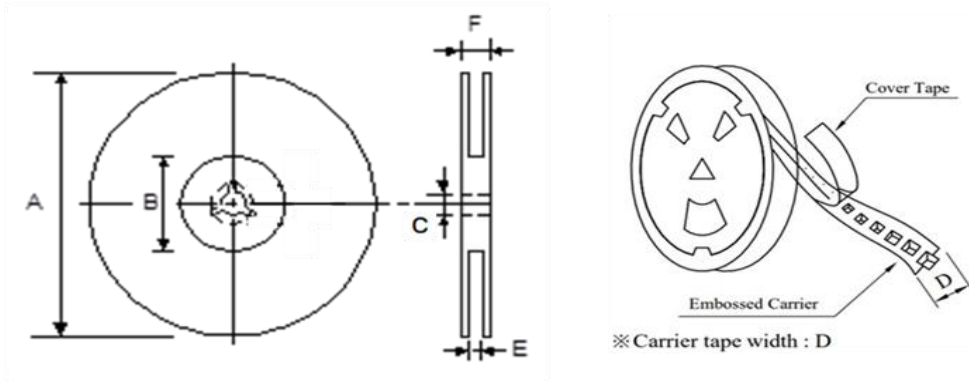
# SPECIFICATION

REF. :

<b>PROD NAME.</b>	Multilayer Low Pass Filter	<b>ABC'S DWG NO.</b>		<b>LGLF10050960A01RGB -□□□</b>	
		<b>REV.</b>	20260305-A	<b>PAGE</b>	<b>3</b>

**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

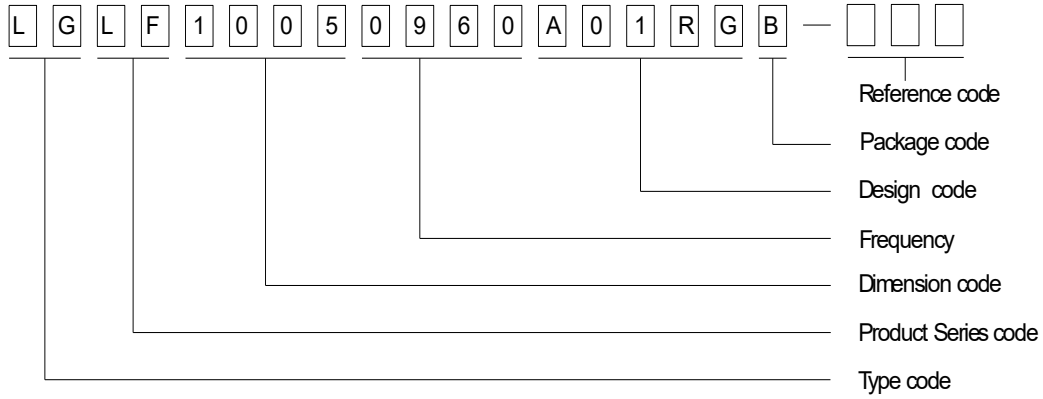
Code	Inner : Reel		
	Q'TY (pcs)	G.W.(g)	Style
B	10,000	101.6	07-08

# SPECIFICATION

REF. :

<b>PROD NAME.</b>	<b>Multilayer Low Pass Filter</b>	<b>ABC'S DWG NO.</b>	<b>LGLF10050960A01RGB -□□□</b>		
		<b>REV.</b>	<b>20260305-A</b>	<b>PAGE</b>	<b>4</b>

**VIII. Drawing number expression :**



Appendix code 2: Package Information

Code	Inner package	Cover tape	Carrier tape	Bag
B	T /R (Reel package)	Heat seal	Paper	Antistatic

Reliability Test Number: RTS No.0034