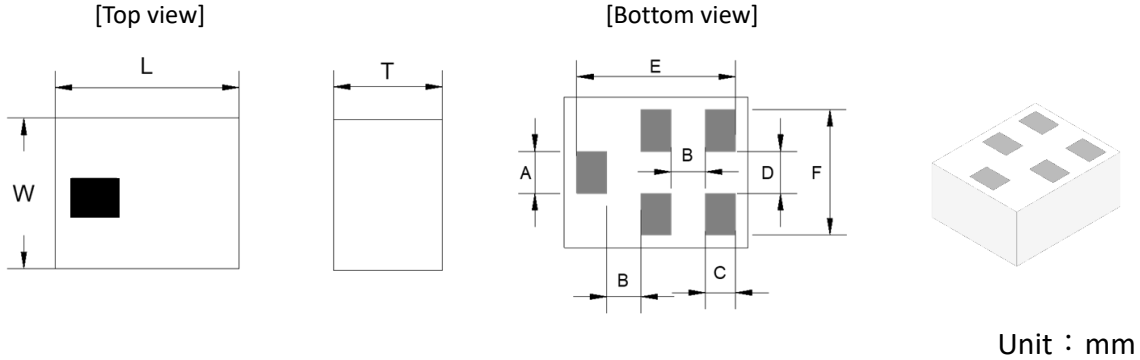


# SPECIFICATION

REF. :

<b>PROD NAME.</b>	<b>Multilayer Band Pass Filter</b>	<b>ABC'S DWG NO.</b>		<b>LGBF11092450A01RGB-□□□</b>	
		<b>REV.</b>	<b>20251016-A</b>	<b>PAGE</b>	<b>1</b>

**I. Configuration and dimensions :**



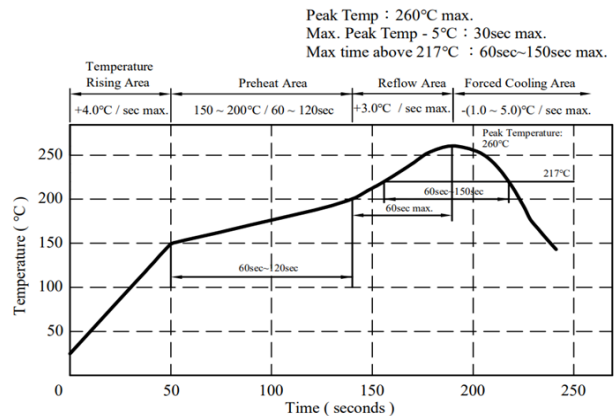
L		W		T	
1.10±0.15		0.90±0.15		0.65±0.10	
A	B	C	D	E	F
0.25±0.10	0.205±0.10	0.18±0.10	0.25±0.10	0.95±0.10	0.75±0.10

**II. APPLICATION & Materials :**

- a. For 2400-2500MHz
- 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 Band Pass Filter</b>	<b>ABC'S DWG NO.</b>		<b>LGBF11092450A01RGB-□□□</b>	
		<b>REV.</b>	<b>20251016-A</b>	<b>PAGE</b>	<b>2</b>

**IV. Electrical characteristics :**

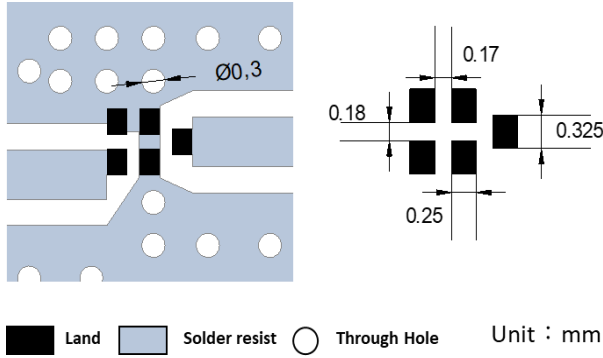
Item	Frequency Range (MHz)	Min.	Max.
Insertion Loss (dB)	2400 ~ 2500	-	1.0
Return Loss (dB)	2400 ~ 2500	15	-
Attenuation (dB)	50 ~960	20	-
	1560~1606	30	-
	1710~1990	15	-
	3600	10	-
	4800~5000	35	-
	5150~7125	30	-
	7200~7500	25	-
characteristic impedance ( $\Omega$ )		50	

# SPECIFICATION

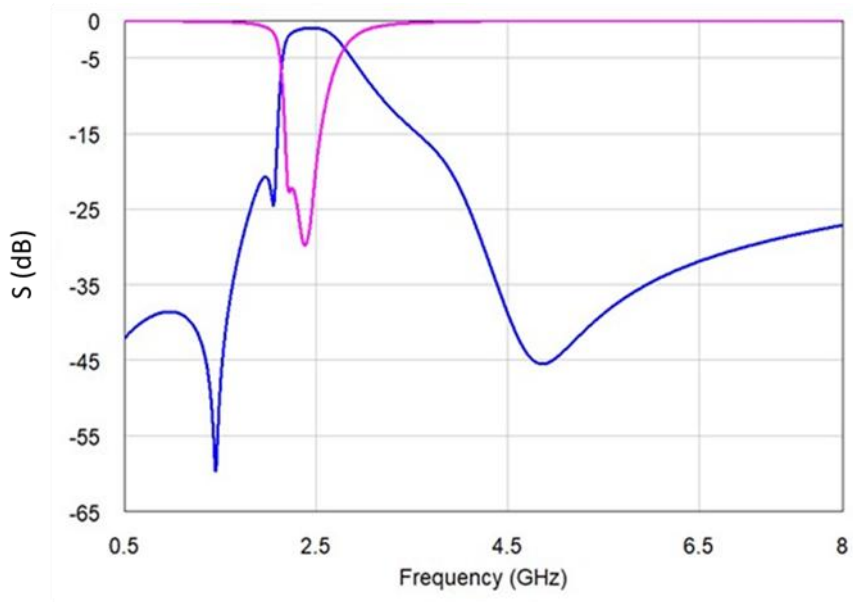
REF. :

<b>PROD NAME.</b>	<b>Multilayer Band Pass Filter</b>	<b>ABC'S DWG NO.</b>		<b>LGBF11092450A01RGB-□□□</b>	
		<b>REV.</b>	<b>20251016-A</b>	<b>PAGE</b>	<b>3</b>

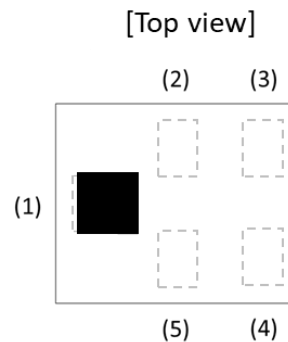
**V. RECOMMENDED LAND PATTERN :**



**VI. ELECTRICAL CHARACTERISTICS (Temperature =25°C)**



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



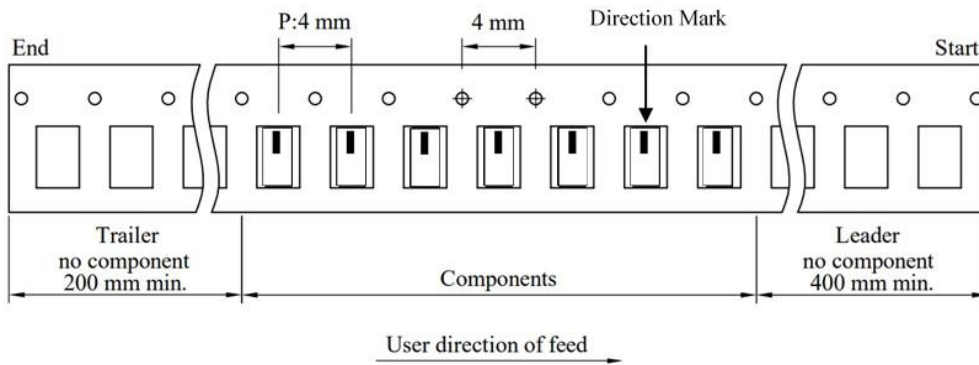
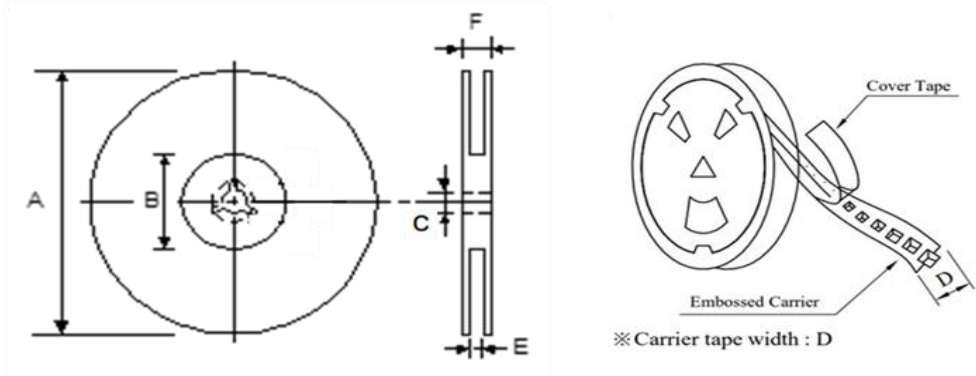
# SPECIFICATION

REF. :

<b>PROD NAME.</b>	<b>Multilayer Band Pass Filter</b>	<b>ABC'S DWG NO.</b>		<b>LGBF11092450A01RGB-□□□</b>	
		<b>REV.</b>	<b>20251016-A</b>	<b>PAGE</b>	<b>4</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

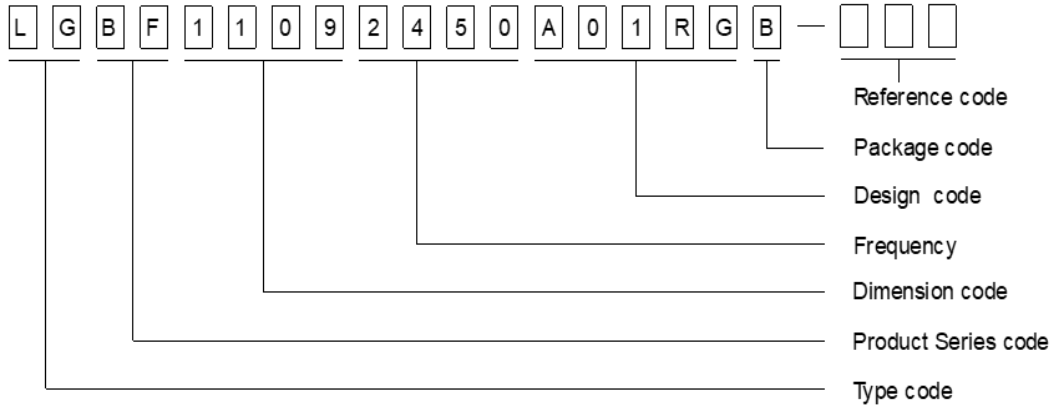
Code	Inner : Reel		Outer : Carton	
	Q'TY (pcs)	Style	Q'TY (pcs)	Size (cm)
B	3,000	07-08	150,000	41 x 39 x 22

# SPECIFICATION

REF. :

<b>PROD NAME.</b>	<b>Multilayer Band Pass Filter</b>	<b>ABC'S DWG NO.</b>		<b>LGBF11092450A01RGB-□□□</b>	
		<b>REV.</b>	<b>20251016-A</b>	<b>PAGE</b>	<b>5</b>

**VIII. Drawing number expression :**



Appendix code2: Package Information

Code	Inner package	Cover tape	Carrier tape	Bag	Package Q'TY	Remark
B	T /R (Reel package)	Heat seal	Antistatic	Antistatic	3,000 pcs	

Reliability Test Number: RTS No.0034