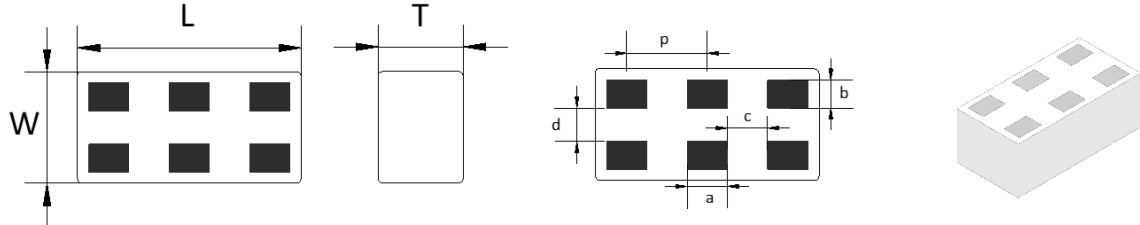


SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF10053750A01RGB-□□□	
		REV.	20250811-03	PAGE	1

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 :

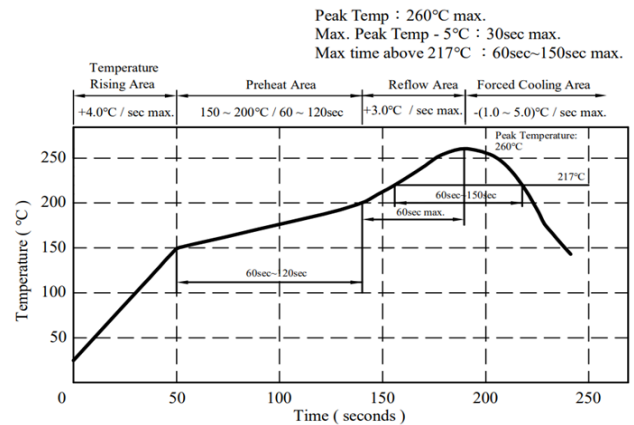
- 5G N77 (For 3300-4200 MHz)
- Body : Ceramic
- Internal conductor : Silver
- Terminal electrode : Ag / Ni / Sn
- Products comply with RoHS' requirements
- Halogen free

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 Band Pass Filter	ABC'S DWG NO.		LGBF10053750A01RGB-□□□		
		REV.	20250811-03	PAGE	2	

IV. Electrical characteristics :

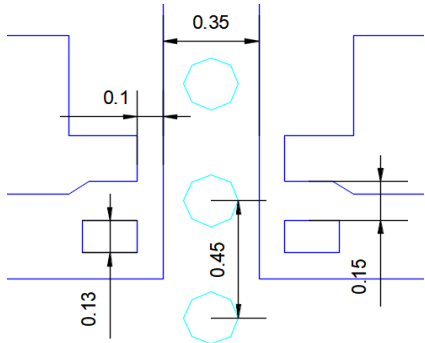
Item	Frequency Range (MHz)	Min.	Max.	Typical
Insertion Loss (dB)	3300-4200	-	1.7	1.35
Return Loss (dB)	3300-4200	10	-	22
Attenuation (dB)	600-960	35	-	45
	1164-1300	35	-	47
	1476-1511	35	-	54
	1559-1610	40	-	60
	1710-1785	35	-	45
	1805-2200	25	-	32
	2300-2690	20	-	25
	4215-5115	1	-	2
	5150-5925	15	-	27
	6600-8400	20	-	24
	9900-12600	22	-	24
	13200-21000	10	-	22
characteristic impedance		50 Ω		

SPECIFICATION

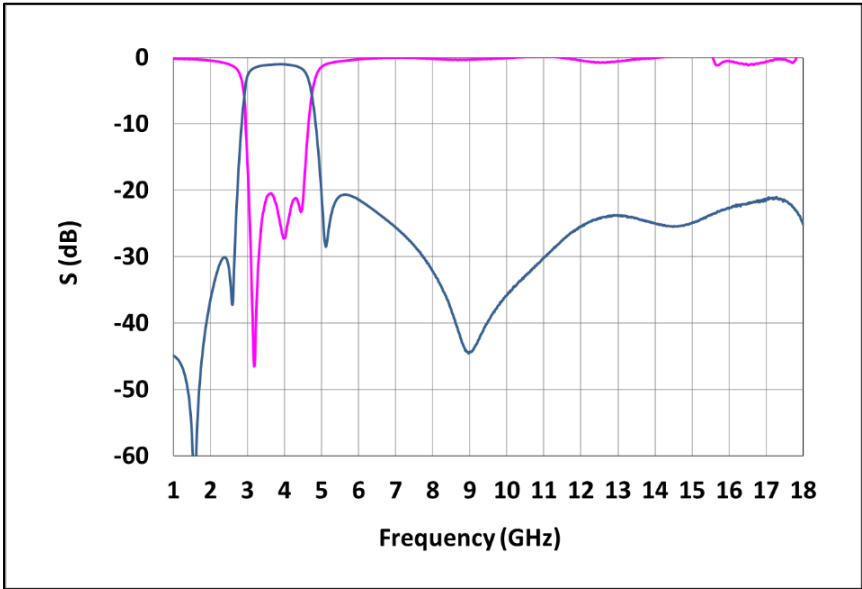
REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF10053750A01RGB-□□□	
		REV.	20250811-03	PAGE	3

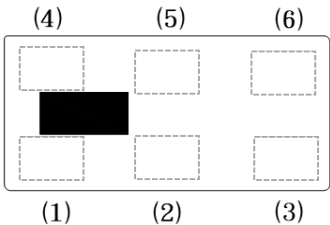
V. RECOMMENDED PCB LAYOUT :



VI. ELECTRICAL CHARACTERISTICS



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



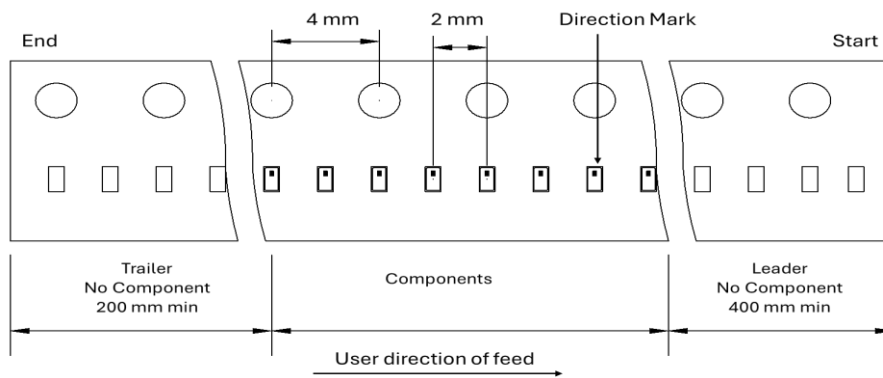
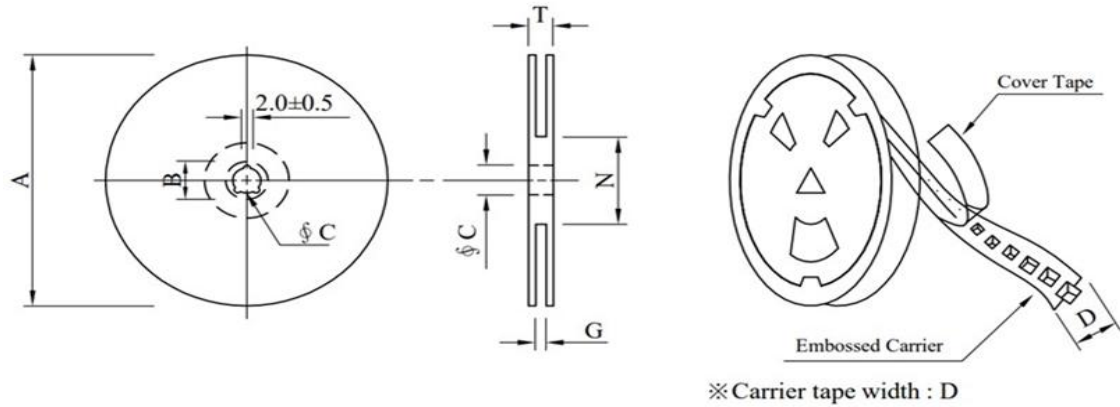
SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF10053750A01RGB-□□□	
		REV.	20250811-03	PAGE	4

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

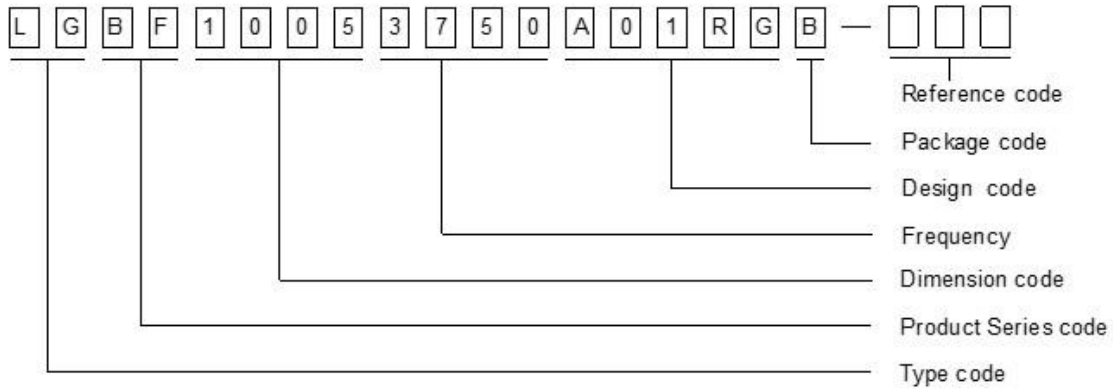
Code	Inner : Reel		
	Q'TY (pcs)	G.W.(g)	Style
B	10000	101.6	07-08

SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF10053750A01RGB-□□□		
		REV.	20250811-03	PAGE	5	

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