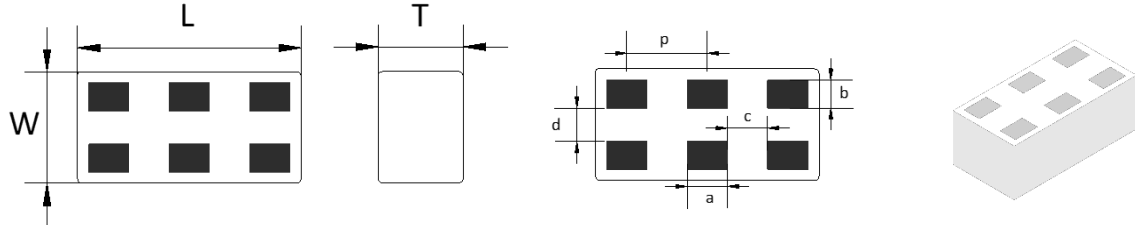


SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF10056425A01RGB-□□□	
		REV.	20250801-1	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 :

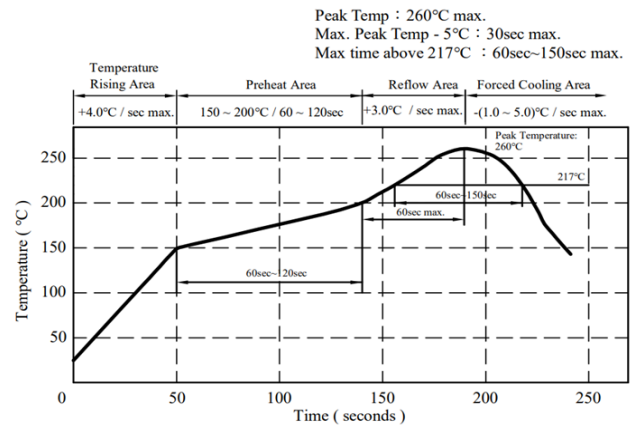
- 6G NR N104 (For 6425-7125 MHz)
- Body : Ceramic
- Internal conductor : Silver
- Terminal electrode : Ag / Ni / Sn
- Products comply with RoHS' requirements
- Halogen free

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.		LGBF10056425A01RGB-□□□		
		REV.	20250801-1	PAGE	2	

IV. Electrical characteristics :

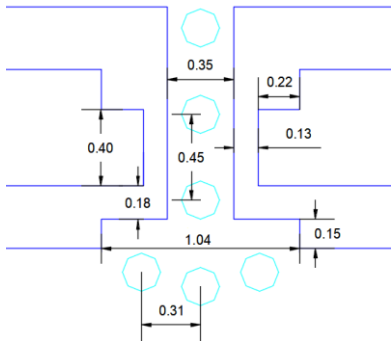
m	Frequency Range (MHz)	Min.	Max.
Insertion Loss (dB)	6425~7125	-	1.8
Return Loss (dB)	6425~7125	10	-
Attenuation (dB)	1000~2370	35	-
	2400~2690	35	-
	3300~3800	35	-
	3800~4200	35	-
	4400~5100	25	-
	9600~9800	32	-
	10300~11900	32	-
	12850~14250	25	-
Characteristic Impedance		50 Ω	

SPECIFICATION

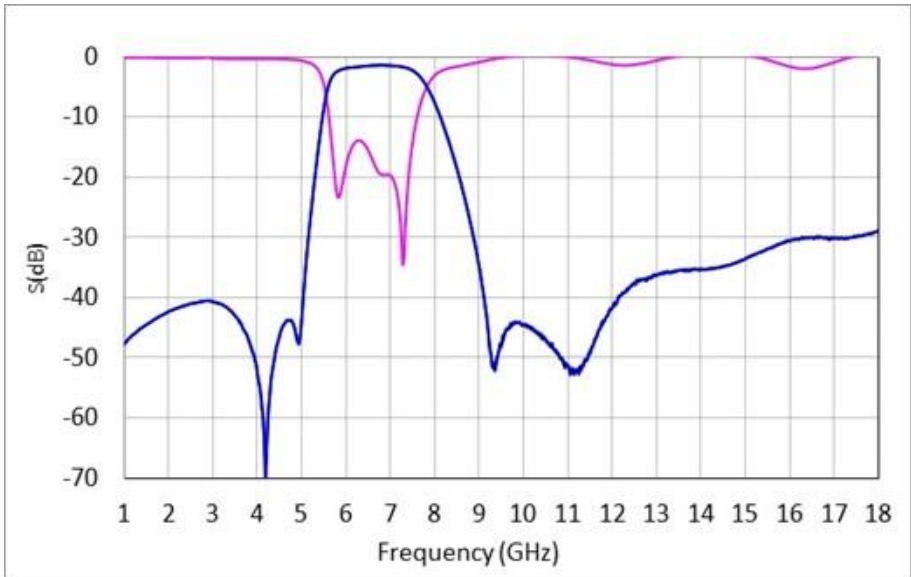
REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF10056425A01RGB-□□□		
		REV.	20250801-1	PAGE	3	

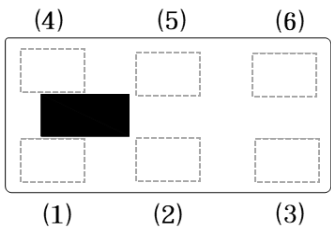
V. RECOMMENDED PCB LAYOUT :



VI. ELECTRICAL CHARACTERISTICS



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



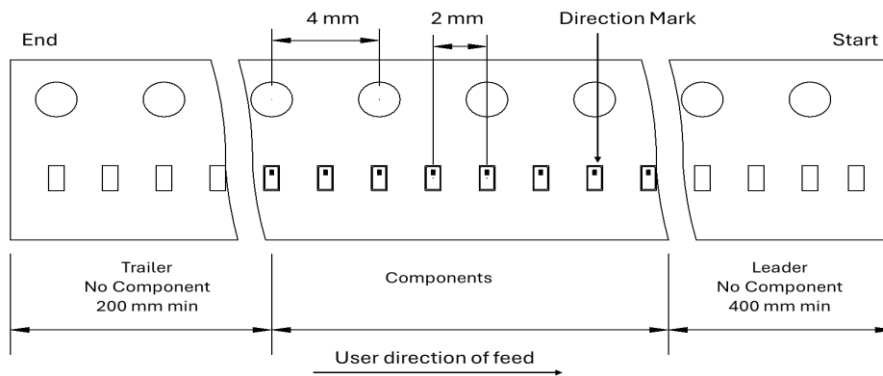
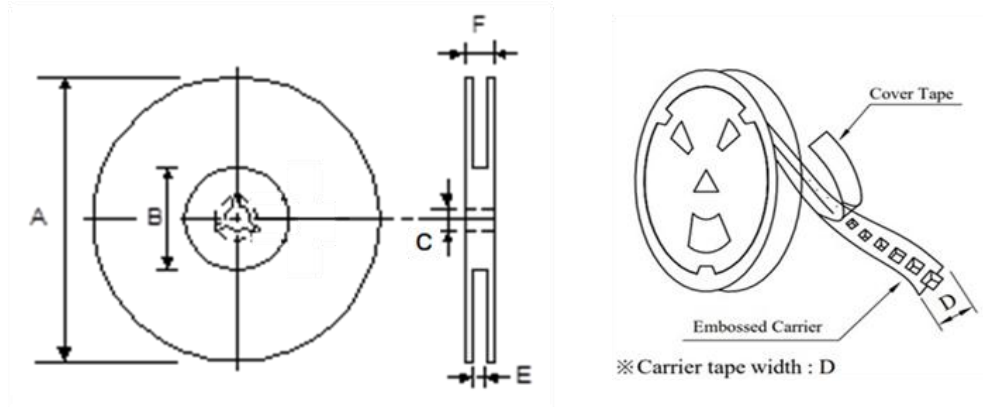
SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF10056425A01RGB-□□□		
		REV.	20250801-1	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

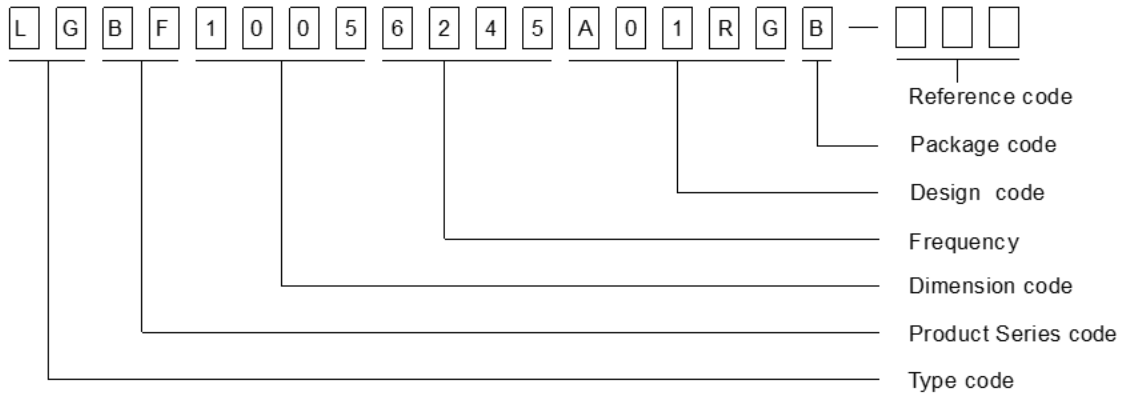
AR-001C

SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF10056425A01RGB-□□□		
		REV.	20250801-1	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