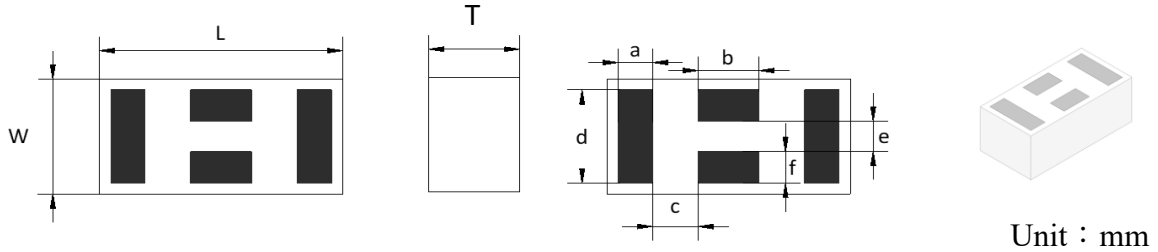


SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16087240A01LGB-□□□	
		REV.	20250812-02	PAGE	1

I. Configuration and dimensions : -□□□



L		W		T	
1.6±0.15		0.8±0.15		0.6±0.10	
a	b	c	d	e	f
0.225±0.05	0.40±0.1	0.30±0.05	0.65±0.1	0.21±0.05	0.22±0.05

II. APPLICATION & Materials :

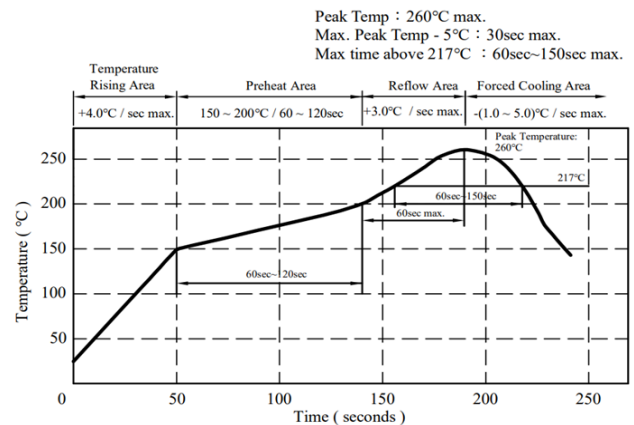
- UWB Ch5 + Ch9 (For 6240-8240 MHz)
- Body : Ceramic
- Internal conductor : Silver
- Terminal electrode : Ag / Ni / Sn
- Products comply with RoHS' requirements
- Halogen free

III. General specification :

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

Solder temp. : 260°C

Dip time :10 sec max



SPECIFICATION

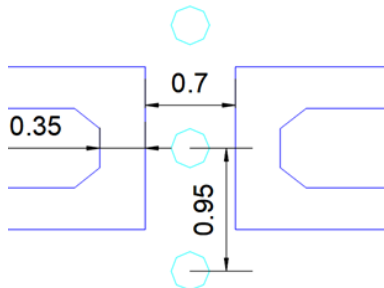
REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16087240A01LGB-□□□	
		REV.	20250812-02	PAGE	2

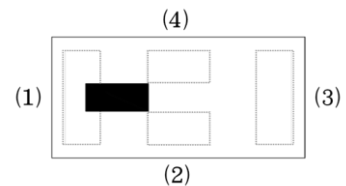
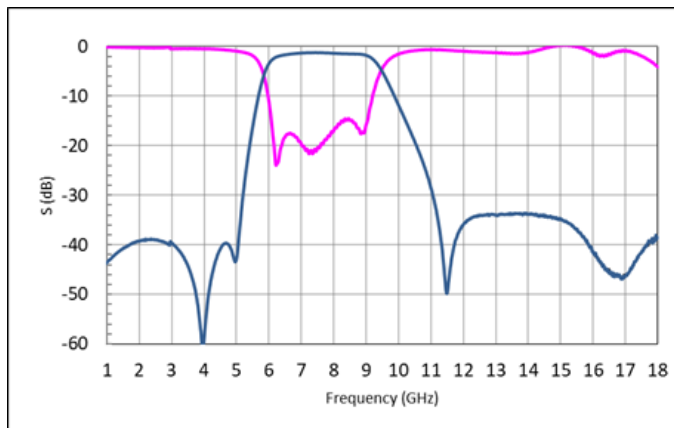
IV. Electrical characteristics :

Item	Frequency Range (MHz)	Min.	Max.	Typical
Insertion Loss (dB)	6240 ~ 8240	-	2.35	2.1
Return Loss (dB)	6240 ~ 8240	10	-	15
Attenuation (dB)	2300 ~ 3800	38	-	39
	5150 ~ 5470	17	-	20
	5470 ~ 5725	4	-	9
	5725 ~ 5850	2	-	6
	5850 ~ 5925	2	-	5
	12500 ~ 16500	30	-	34
characteristic impedance		50 Ω		

V. RECOMMENDED PCB LAYOUT :



VI. ELECTRICAL CHARACTERISTICS



Terminal Configuration			
NO.	Terminal Name	NO.	Terminal Name
(1)	In / Out	(2)	GND
(3)	In / Out	(4)	GND

AR-001C

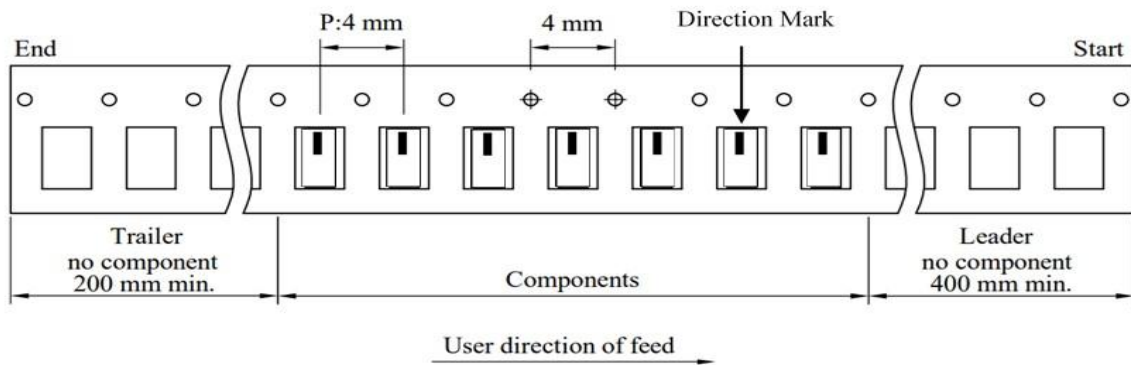
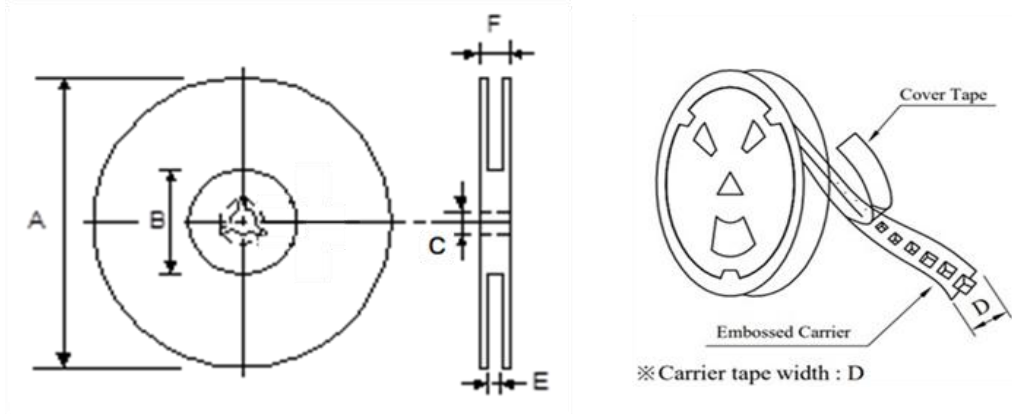
SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16087240A01LGB-□□□	
		REV.	20250812-02	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	4000	07-08	200,000	41 x 39 x 22

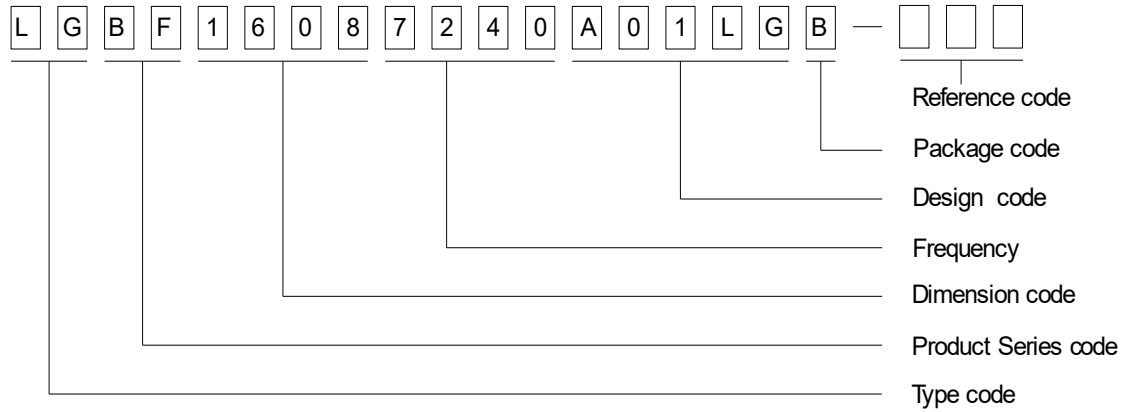
AR-001C

SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16087240A01LGB-□□□	
		REV.	20250812-02	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	