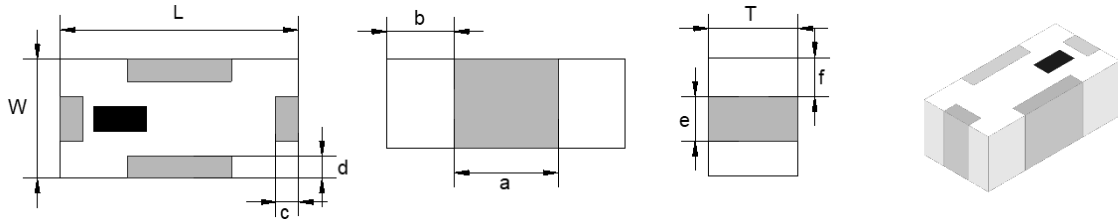


SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16082450A01RTB-□□□	
		REV.	20250812-02	PAGE	1

I. Configuration and dimensions :



Unit : mm

L		W		T	
1.6±0.15		0.8±0.15		0.6±0.10	
a	b	c	d	e	f
0.70±0.15	0.45±0.15	0.15±0.1	0.15±0.1	0.30+0.1 -0.15	0.25±0.15

II. APPLICATION & Materials :

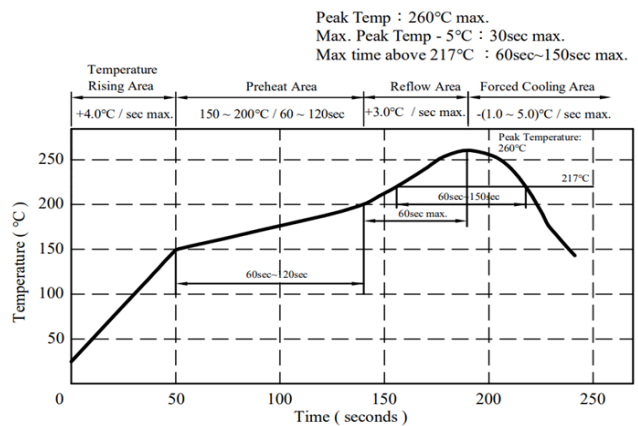
- For 2400-2500MHz
- Body : Ceramic
- Internal conductor : Silver
- Terminal electrode : Ag / Ni / Sn
- Products comply with RoHS' requirements
- Halogen free

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.		LGBF16082450A01RTB-□□□	
		REV.	20250812-02	PAGE	2

IV. Electrical characteristics :

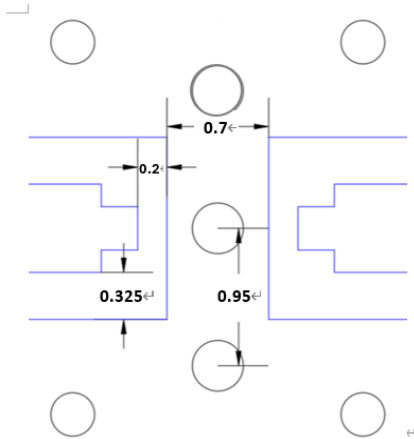
Item	Frequency Range (MHz)	Min.	Max.	Typ.
Insertion Loss (dB)	2400 ~ 2500	-	1.8	1.3
Return Loss (dB)	2400 ~ 2500	12	-	22
Attenuation (dB)	880 ~ 1000	28	-	30
	1200 ~ 1300	28	-	30
	1710 ~ 1780	25	-	27
	4800~5000	25	-	29
	5150~5950	27	-	32
	5950~7125	20	-	27
	6900~7200	20	-	27
characteristic impedance (Ω)		50		

SPECIFICATION

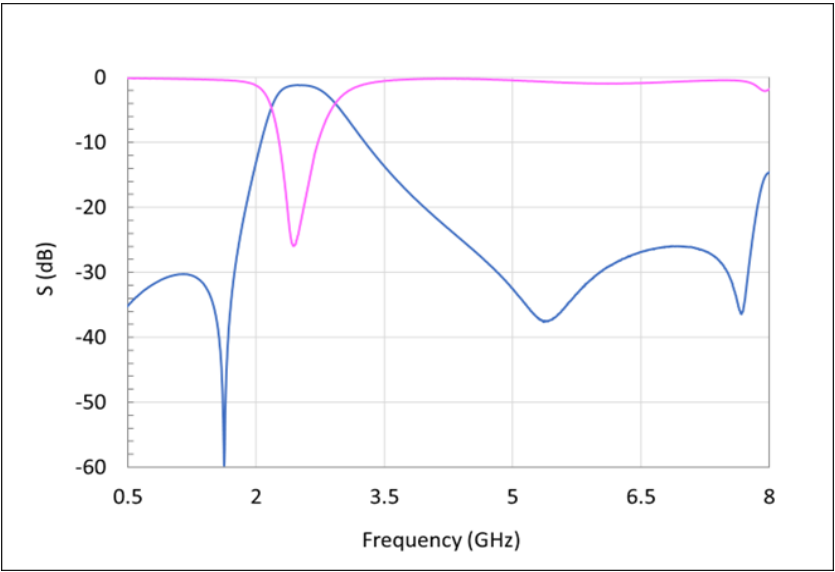
REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16082450A01RTB-□□□	
		REV.	20250812-02	PAGE	3

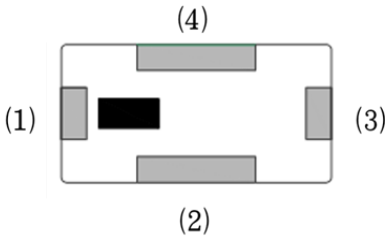
V. RECOMMENDED PCB LAYOUT : .



VI. ELECTRICAL CHARACTERISTICS



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



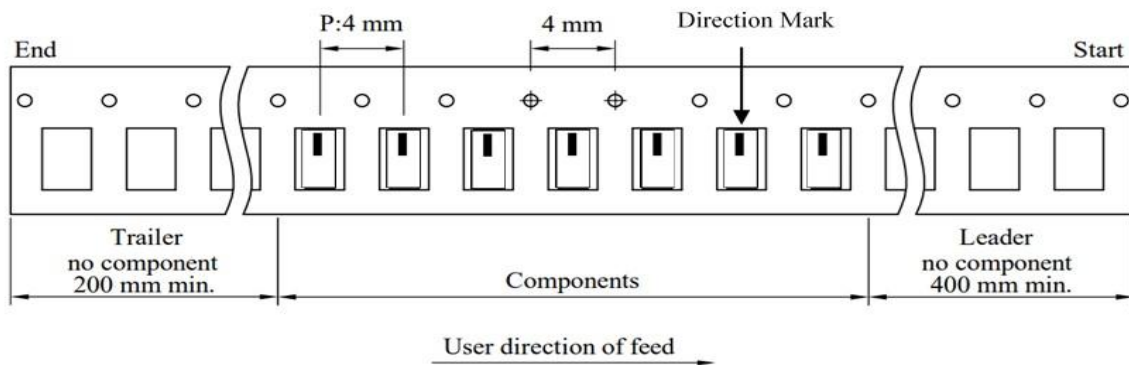
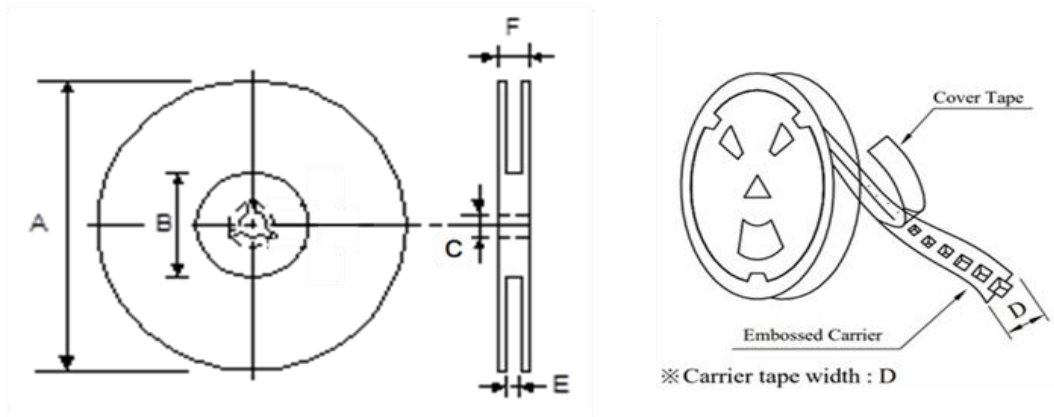
SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16082450A01RTB-□□□	
		REV.	20250812-02	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

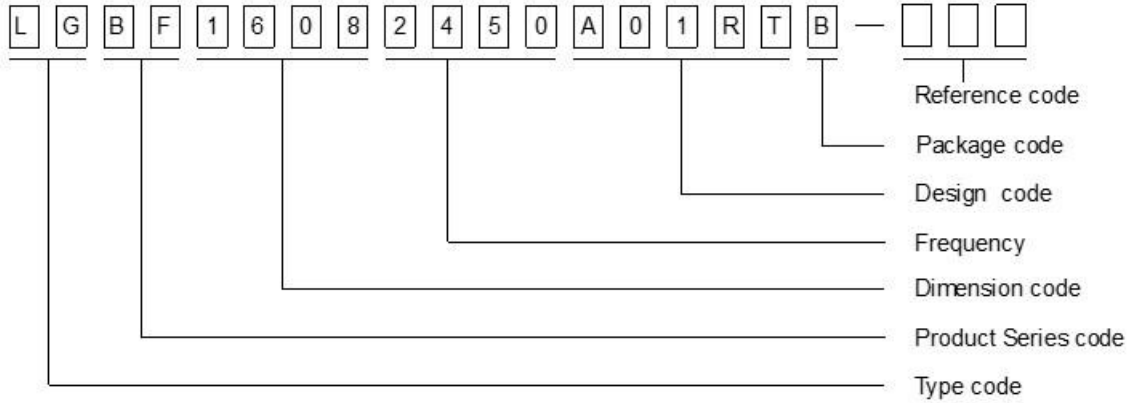
Code	Inner : Reel		Outer : Carton	
	Q'TY (pcs)	Style	Q'TY (pcs)	Size (cm)
B	4000	07-08	200,000	41 x 39 x 22

SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16082450A01RTB-□□□	
		REV.	20250812-02	PAGE	5

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	