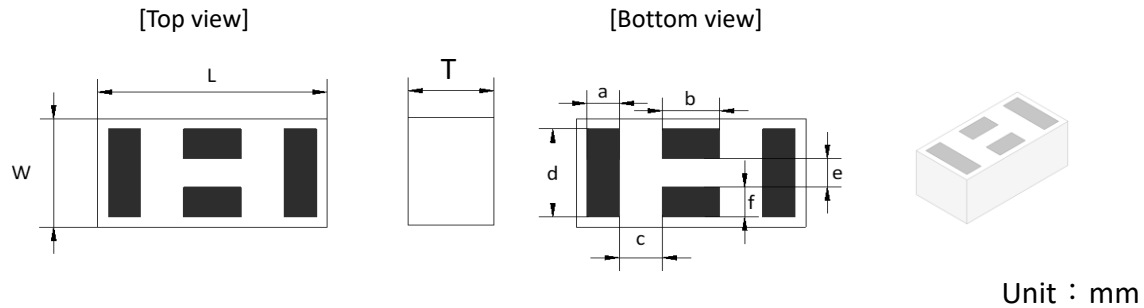


SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16087240A01LGB-□□□	
		REV.	20260527-C	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 :

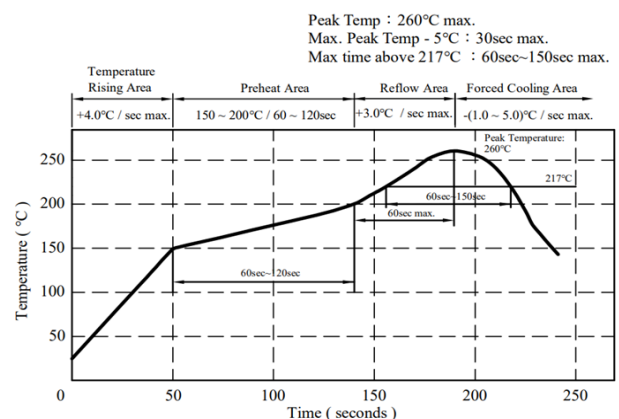
- UWB Ch5 + Ch9 (For 6240-8240 MHz)
- Body : Ceramic
- Internal conductor : Silver
- Terminal electrode : Ag / Ni / Sn
- Products comply with RoHS' requirements
- Halogen free

III. General specification :

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

Solder temp. : 260°C

Dip time :10 sec max



SPECIFICATION

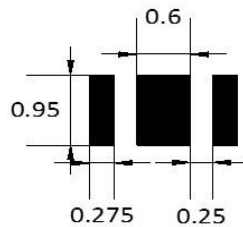
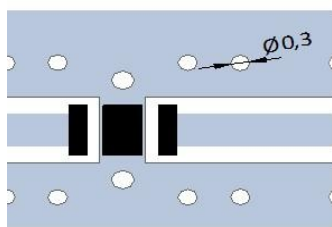
REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16087240A01LGB-□□□		
		REV.	20260527-C	PAGE	2	

IV. Electrical characteristics :

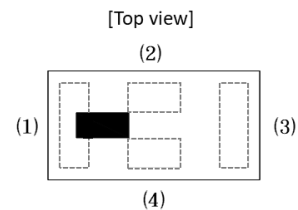
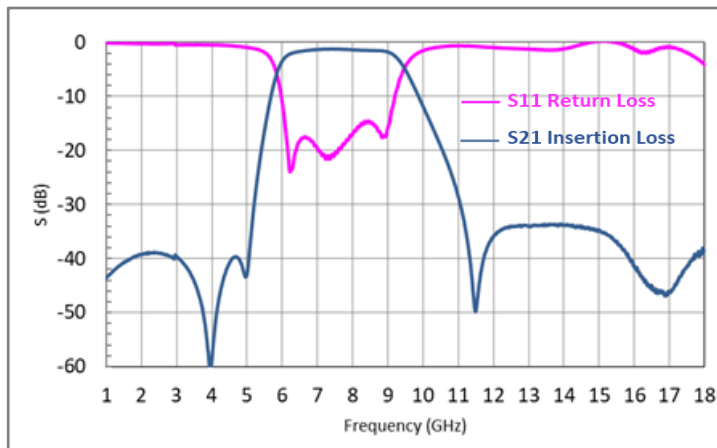
Item	Frequency Range (MHz)	Min.	Max.
Insertion Loss (dB)	6240 ~ 8240	-	2.35
Return Loss (dB)	6240 ~ 8240	10	-
Attenuation (dB)	2300 ~ 3800	30	-
	12480 ~ 16480	30	-
characteristic impedance		50 Ω	

V. RECOMMENDED LAND PATTERN :



Land
 Solder resist
 Through Hole
 Unit : mm

VI. ELECTRICAL CHARACTERISTICS (Temperature =25°C)



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

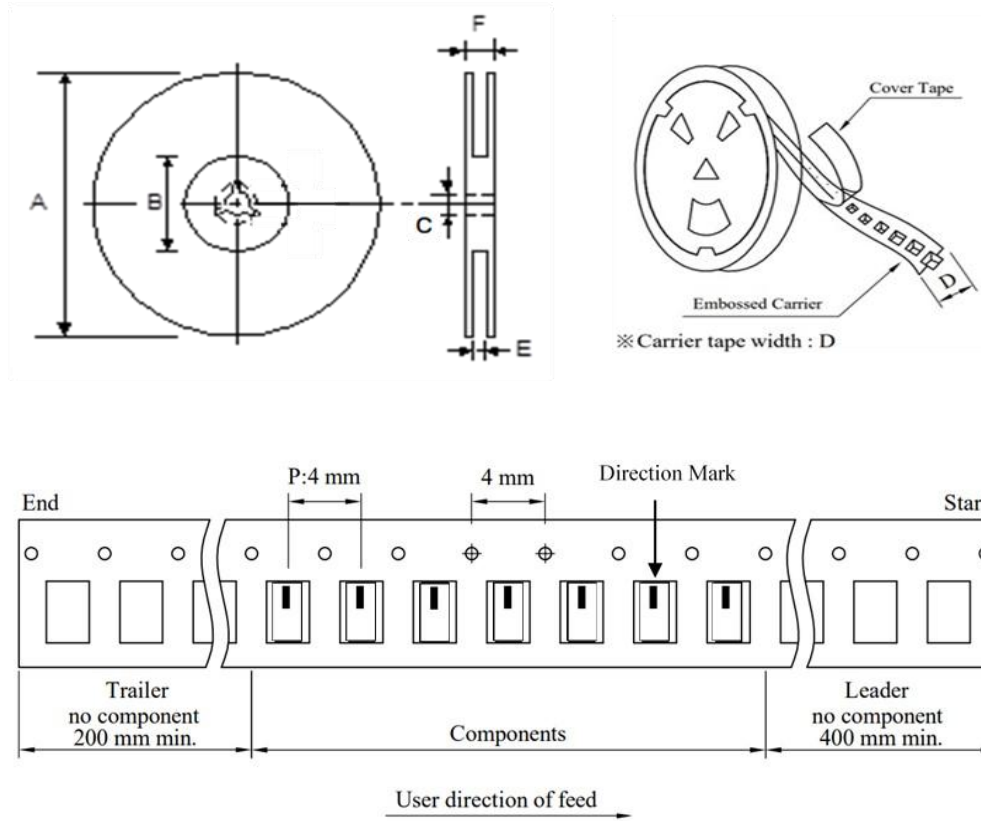
SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16087240A01LGB-□□□		
		REV.	20260527-C	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	4,000	07-08	200,000	41 x 39 x 22

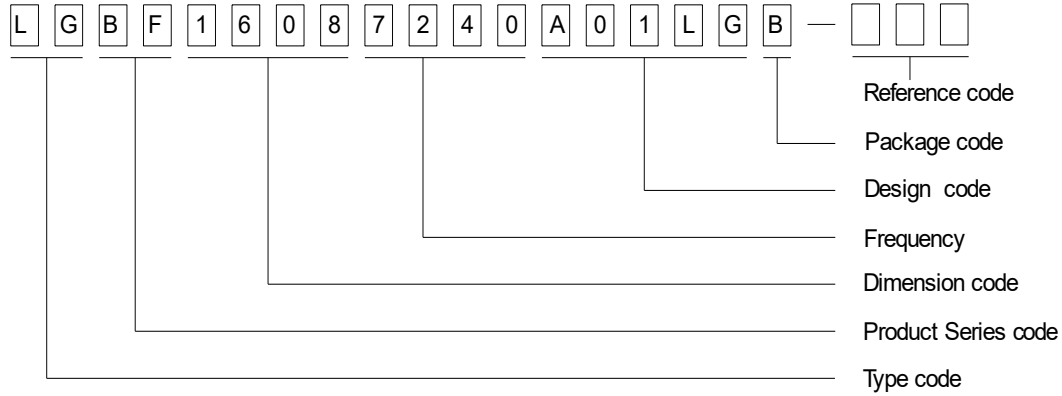
AR-001C

SPECIFICATION

REF. :

PROD NAME.	Multilayer Band Pass Filter	ABC'S DWG NO.		LGBF16087240A01LGB-□□□	
		REV.	20260527-C	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	-

Reliability Test Number: RTS No.0034