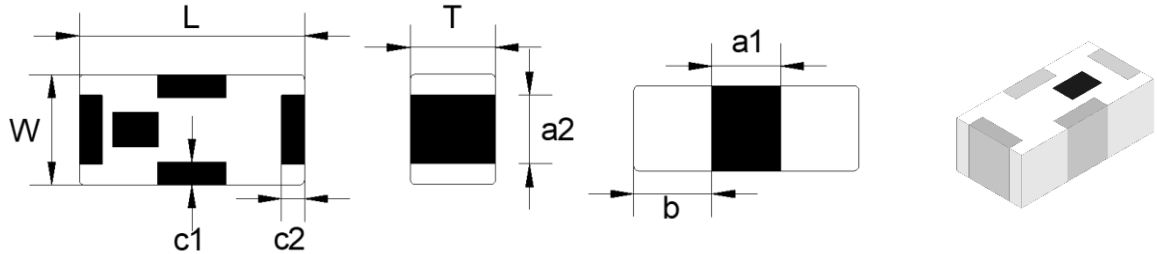


SPECIFICATION

REF. :

PROD NAME.	Multilayer Low Pass Filter	ABC'S DWG NO.		LGLF10052450A01RTB-□□□	
		REV.	20250812 -02	PAGE	1

I. Configuration and dimensions :



Unit : mm

L		W		T
1.0±0.05		0.5±0.05		0.37±0.03
a1	a2	b	c1	c2
0.3±0.1	0.3±0.1	0.35±0.1	0.1±0.05	0.1±0.05

II. APPLICATION & Materials :

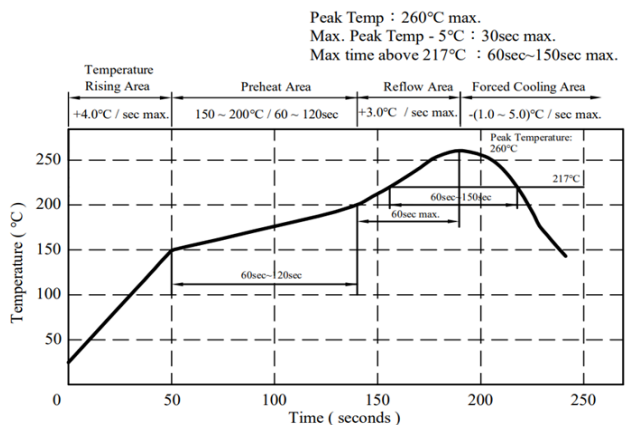
- For 2400-2500MHz
- Body : Ceramic
- Internal conductor : Silver
- Terminal electrode : Ag / Ni / Sn
- Products comply with RoHS' requirements
- Halogen free

III. General specification :

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

Solder temp. : 260°C

Dip time : 10 sec max



SPECIFICATION

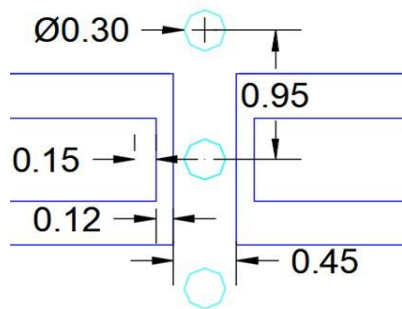
REF. :

PROD NAME.	Multilayer Low Pass Filter	ABC'S DWG NO.		LGLF10052450A01RTB-□□□		
		REV.	20250812 -02	PAGE	2	

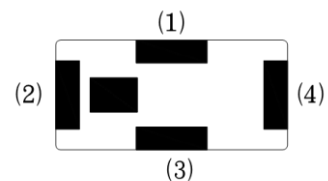
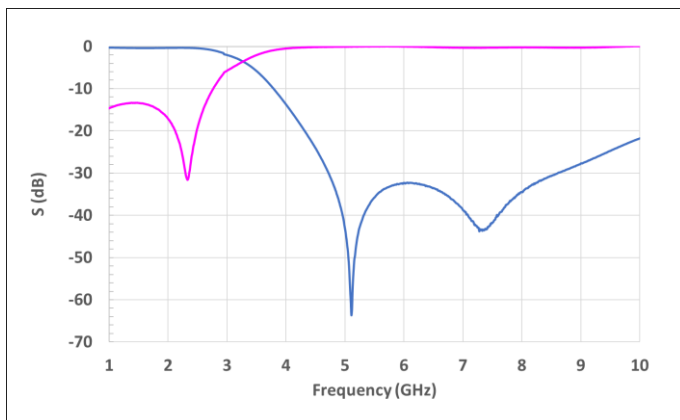
IV. Electrical characteristics :

Item	Frequency Range (MHz)	Min.	Max.	Typical
Insertion Loss (dB)	2400~2500 (at 25°C)	-	0.45	0.41
Return Loss (dB)	2400~2500 (at 25°C)	13	-	19
Attenuation (dB)	4800~5000	25	-	32
	7200~7500	21	-	41
Power Capacity :		3W		
characteristic impedance		50Ω		

V. RECOMMENDED PCB LAYOUT :



VI. ELECTRICAL CHARACTERISTICS (Temperature =25°C)



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

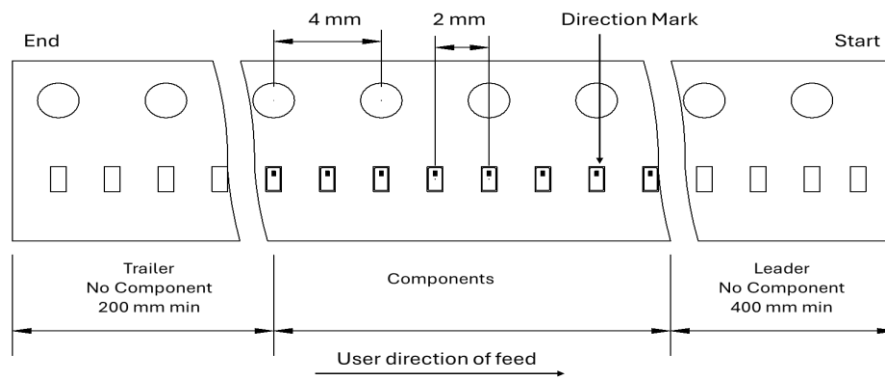
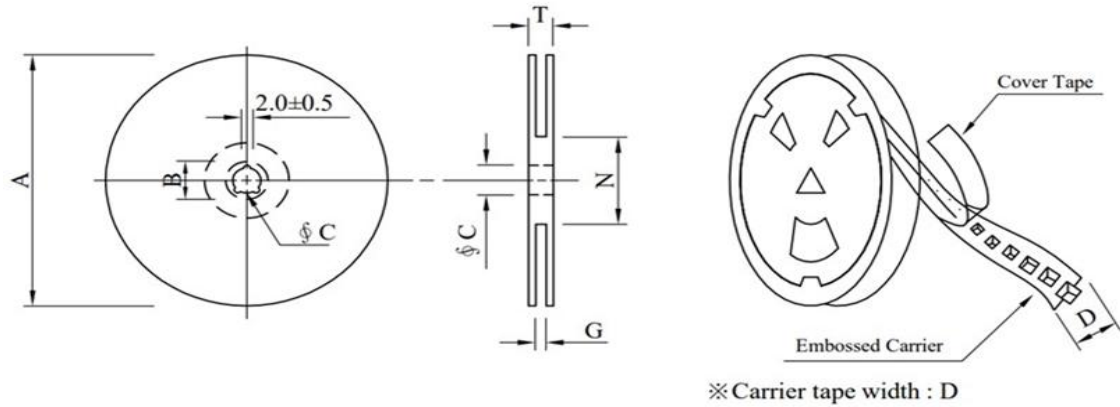
SPECIFICATION

REF. :

PROD NAME.	Multilayer Low Pass Filter	ABC'S DWG NO.		LGLF10052450A01RTB-□□□	
		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		
	Q'TY (pcs)	G.W.(g)	Style
B	10000	120	07-08

SPECIFICATION

REF. :

PROD NAME.	Multilayer Low Pass Filter	ABC'S DWG NO.		LGLF10052450A01RTB-□□□	
		REV.	20250812-02	PAGE	4

VIII. Drawing number expression :					
L	G	L	F	1	0
				0	5
				2	4
				5	0
				A	0
				1	R
				T	B
					—
					□
					□
					□
					Reference code
					Package code
					Design code
					Frequency
					Dimension code
					Product Series code
					Type code
Appendix code 2: Package Information					
Code	Inner package	Cover tape	Carrier tape	Bag	
B	T /R (Reel package)	Heat seal	Paper	Antistatic	