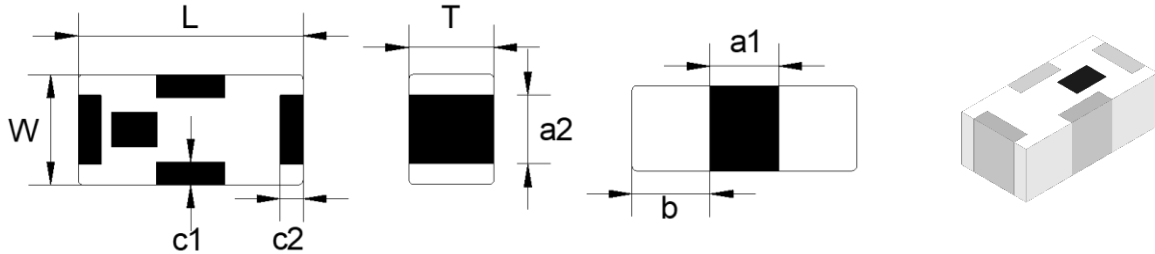


SPECIFICATION

REF. :

PROD NAME.	Multilayer Low Pass Filter	ABC'S DWG NO.		LGLF10052450A02RTB-□□□	
		REV.	20250812 -02	PAGE	1

I. Configuration and dimensions :



Unit : mm

L		W		T
1.0±0.05		0.5±0.05		0.4 max.
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

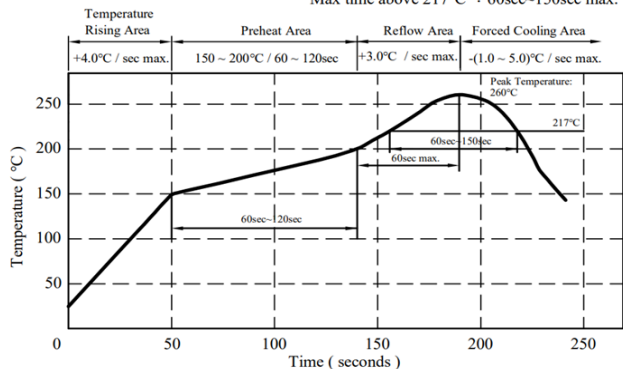
III. General specification :

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

Solder temp. : 260°C

Dip time : 10 sec max

Peak Temp : 260°C max.
Max. Peak Temp - 5°C : 30sec max.
Max time above 217°C : 60sec~150sec max.



SPECIFICATION

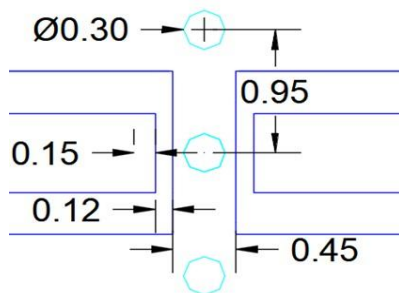
REF. :

PROD NAME.	Multilayer Low Pass Filter	ABC'S DWG NO.		LGLF10052450A02RTB-□□□	
		REV.	20250812 -02	PAGE	2

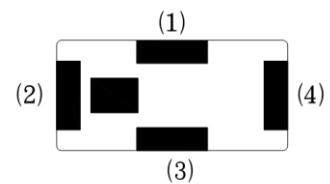
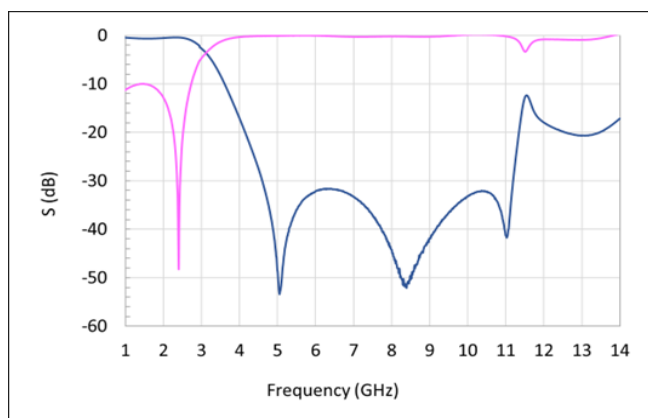
IV. Electrical characteristics :

Item	Frequency Range (MHz)	Min.	Max.	Typical
Insertion Loss (dB)	2400~2500 (at 25°C)	-	0.8	0.49
Return Loss (dB)	2400~2500 (at 25°C)	10	-	22
Attenuation (dB)	4800~5000	23	-	36
	7200~7500	31	-	34
	9600~10000	30	-	33
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)	Input
(3)	GND	(4)	Output

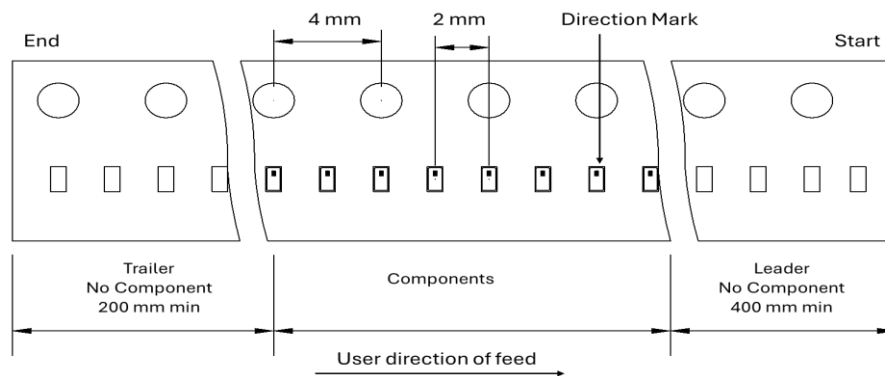
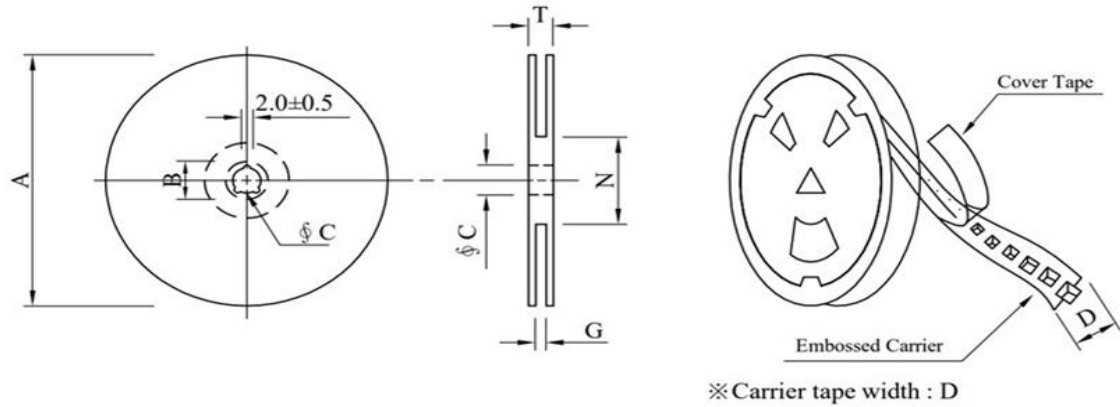
SPECIFICATION

REF. :

PROD NAME.	Multilayer Low Pass Filter	ABC'S DWG NO.		LGLF10052450A02RTB-□□□	
		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

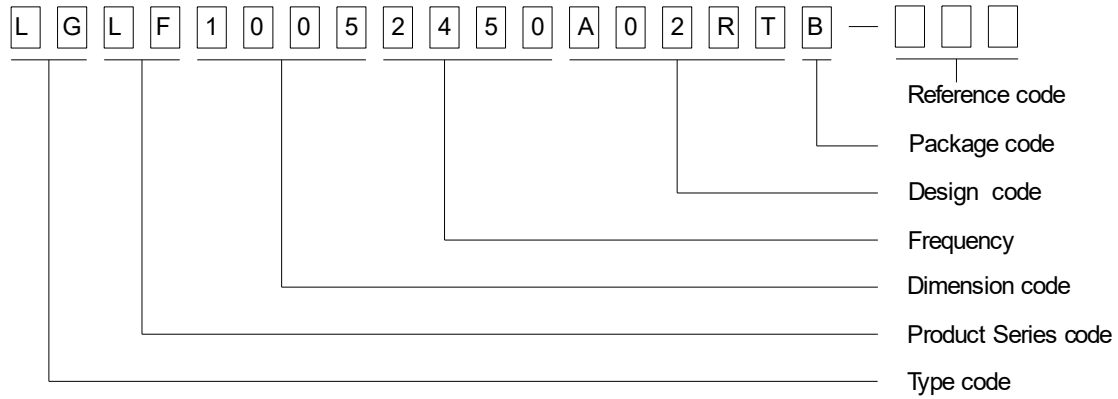
Code	Inner : Reel		
	Q'TY (pcs)	G.W.(g)	Style
B	10000	120	07-08

SPECIFICATION

REF. :

PROD NAME.	Multilayer Low Pass Filter	ABC'S DWG NO.		LGLF10052450A02RTB-□□□	
		REV.	20250812 -02	PAGE	4

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