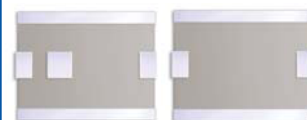


# 3.2 x 2.5mm MULTILAYER 1200MHz LOW-PASS FILTER

ALFC32-1200



RoHS  
Compliant



3.2 x 2.5 x 1.5 mm

## FEATURES:

- Multilayer monolithic structure yields high reliability WLAN, DSTV
- Low insertion loss and high attenuation PDA
- Small size SMD chip design for complex tuning and circuit design

## APPLICATIONS:

- WLAN, DSTV
- PDA
- Cordless phones

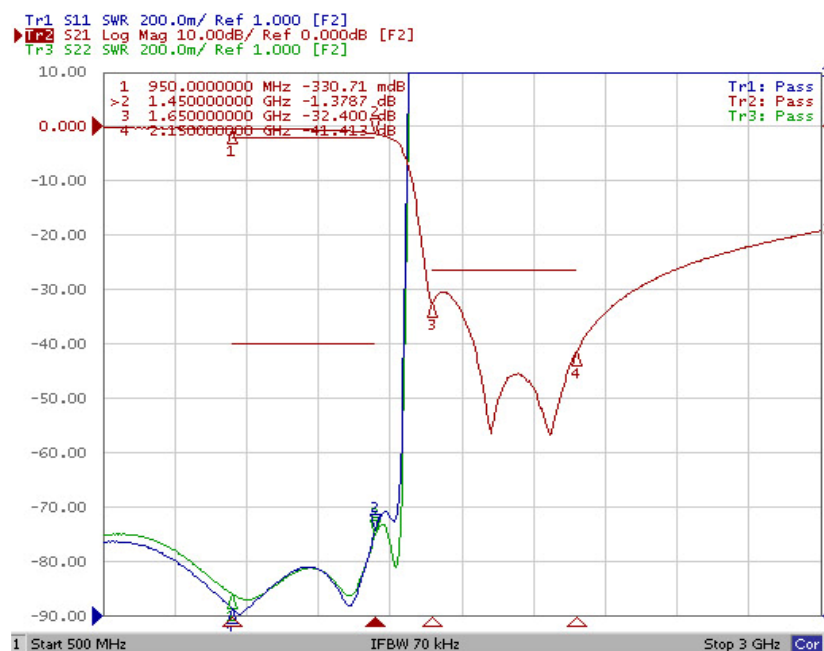
## STANDARD SPECIFICATIONS:

### PARAMETERS

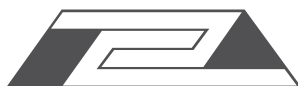
|                        |             |
|------------------------|-------------|
| ABRACON P/N            | ALFC32-1200 |
| Operating temperature: | -40°C~+85°  |
| Storage temperature:   | -40°C~+85°  |

| No. | Item                              | Specifications             |
|-----|-----------------------------------|----------------------------|
| 1   | Center Frequency fo               | 1200 MHz                   |
| 2   | Insertion Loss<br>(DC to 1.2GHz)  | ≤0.75dB (-40°C to +85°C)   |
| 3   | Band Width                        | 950~1450 MHz               |
| 4   | Ripple (in BW)                    | ≤0.25dB (1425 ~ 1450 MHz)  |
| 5   | Return loss<br>(950MHz to 1.2GHz) | ≥13dB                      |
| 6   | Attenuation                       | ≥27dB ( 1650 ~ 2150 MHz)   |
|     |                                   | ≥20dB ( 2.45GHz ~ 2.86GHz) |
| 7   | Permissible Input Power           | 1 W max.                   |
| 8   | In/Output Impedance               | 50 Ω                       |

## CHARACTERISTIC CURVE:



ABRACON IS  
ISO 9001 / QS 9000  
CERTIFIED



ABRACON  
CORPORATION

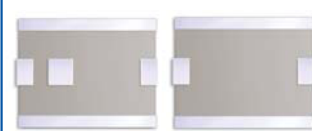
Visit [www.abracon.com](http://www.abracon.com) for Terms & Conditions of Sale **Revised: 08.18.09**  
30332 Esperanza, Rancho Santa Margarita, California 92688  
tel 949-546-8000 | fax 949-546-8001 | [www.abracon.com](http://www.abracon.com)

# 3.2 x 2.5mm MULTILAYER 1200MHz LOW-PASS FILTER

ALFC32-1200

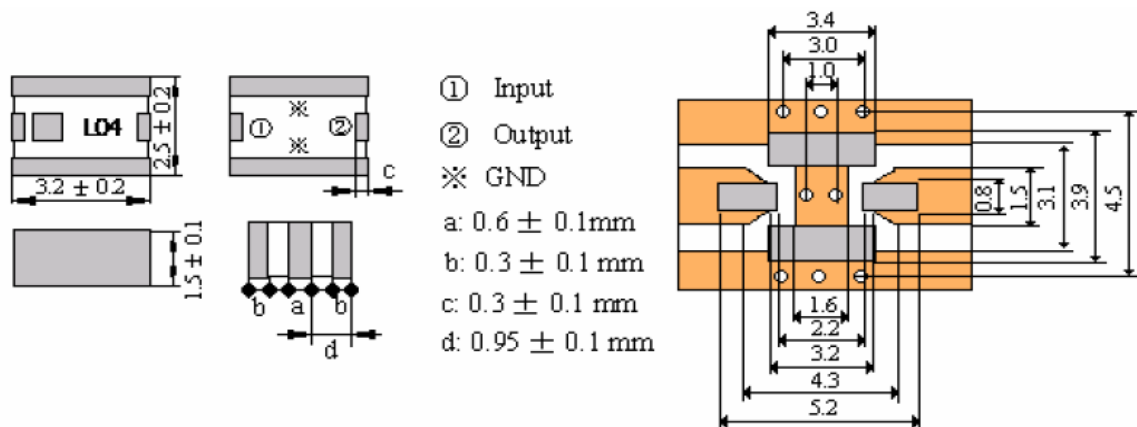


RoHS  
Compliant



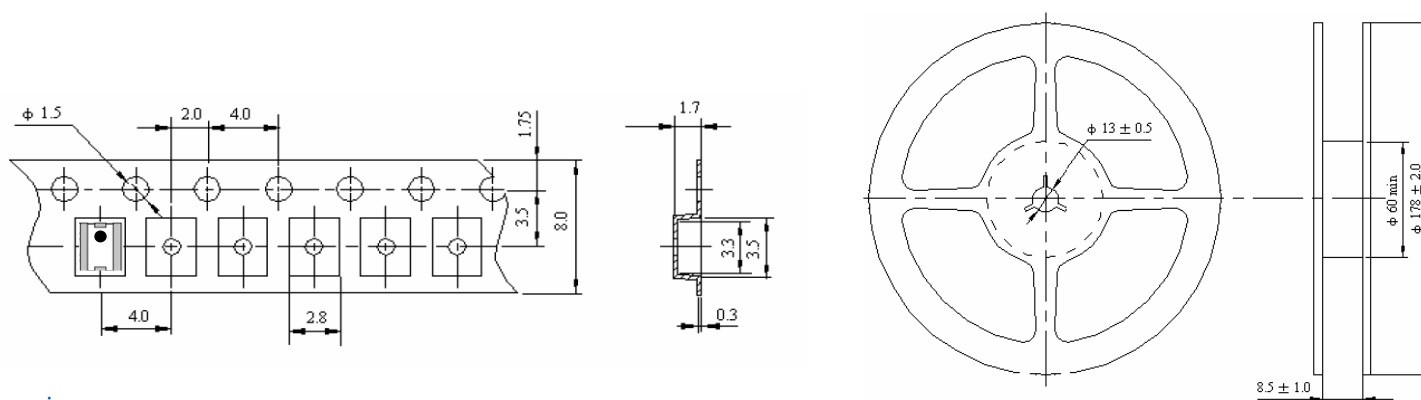
3.2 x 2.5 x 1.5 mm

## OUTLINE DRAWING:



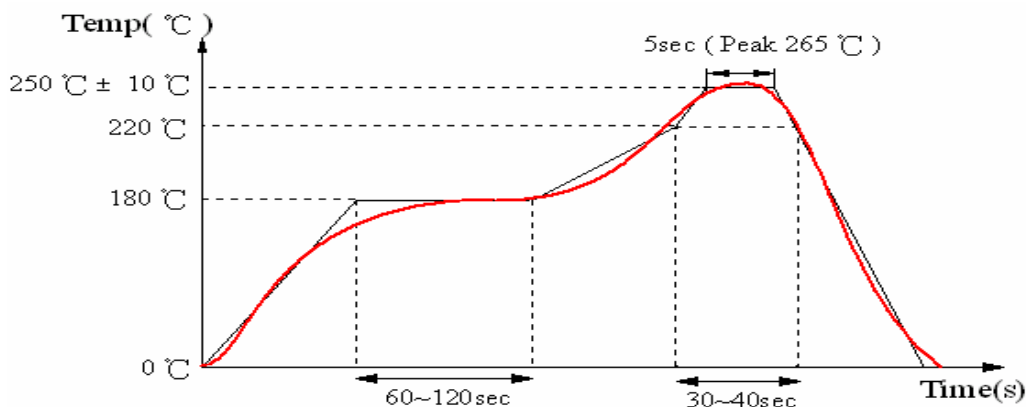
Dimension: mm

## TAPE & REEL:



Dimension: mm

## REFLOW PROFILE:



**NOTE:** Abracon manufactured products are intended for general commercial and industrial use. For applications requiring high reliability and/or presenting extreme operating environment, written consent & authorization from Abracon is required.

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