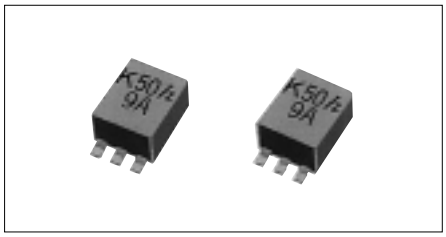
kHz Band Ceramic IF Filters (SMD)
(PBFS-P Series)



Features

- Small and low profile
- Excellent anti-shock performance
- Reflow solderable
- First class Auto placement

Applications

- Cellular phone
- Cordless phone
- Car audio (AM radio section)
- Walkie & Talkie (Citizens band, MCA)

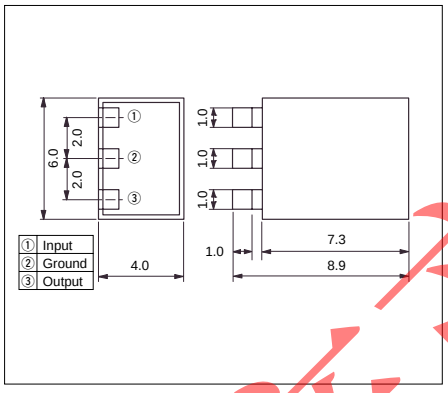
How to Order

PBFS 455 P 12 D R
① ② ③ ④ ⑤ ⑥

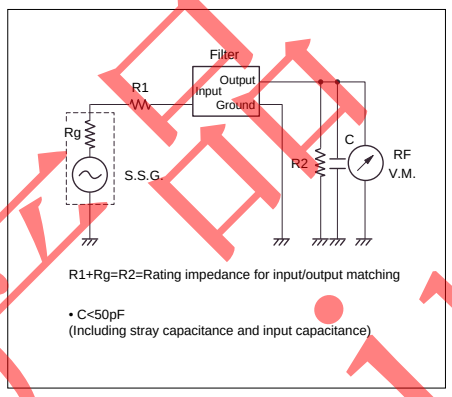
①Series
②Center Frequency (kHz)
[450-460kHz available]
③Number of Element (P : 4 elements)
④Pass Band-Width (kHz) at 6dB
⑤Application
D : General purpose
K : Group delay flat type (Telecom)
⑥Packaging
(R: Taping, 1000pcs/Reel, Nil: Bulk)

Dimensions

(Unit : mm)



Test Circuit



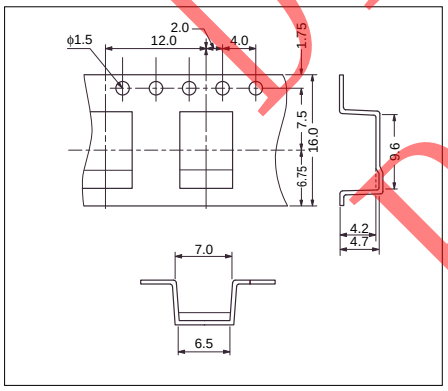
Specifications

Parts No.	Center Frequency (f_0)	Ripple	Group Delay Time	Pass Band Width 6dB	Pass Band Width 40dB	Attenuation	Insertion Loss	Input/Output matching Impedance	Operating Temperature
PBFS455P20D	455kHz ±1.5kHz	2dB max	—	±10.0kHz min	±20.0kHz max	25dB min	6dB max	1.5kΩ	−20°C to +80°C
PBFS455P15D				±7.5kHz min	±15.0kHz max				
PBFS455P12D				±6.0kHz min	±12.5kHz max				
PBFS455P9D				±4.5kHz min	±11.0kHz max				
PBFS455P6D	455kHz ±1.0kHz			±3.0kHz min	±9.0kHz max				
PBFS455P4D				±2.0kHz min	±7.5kHz max				
PBFS455P30K	455kHz ±1.5kHz	1dB max	15μSec max at 455kHz±10kHz	±15.0kHz min	±35.0kHz max			1.0kΩ	
PBFS455P25K			15μSec max at 455kHz±8kHz	±12.5kHz min	±30kHz max				
PBFS455P20K			30μSec max at 455kHz±7kHz	±10.0kHz min	±25.0kHz max				

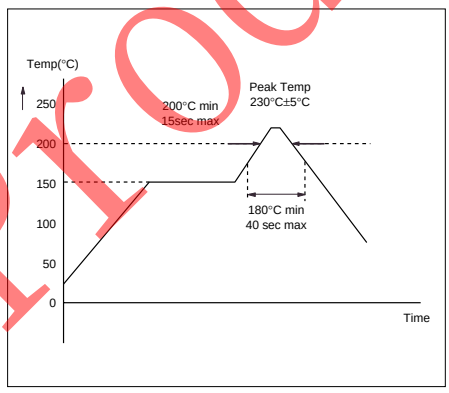
Remarks) Center frequency is 450 to 460kHz available

Taping Dimension

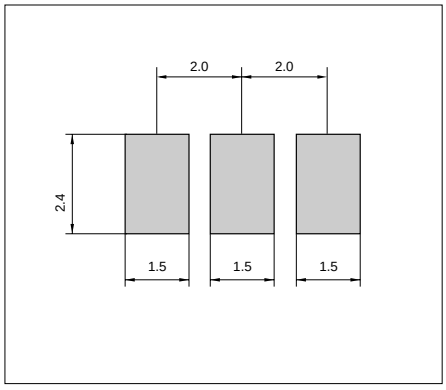
(Unit : mm)



Recommended Temperature Profile



Recommended Land Pattern (Unit : mm)



停产产品
Discontinued Product