

Bandpass Filter case selection guide

Series Number

| F ₀ Range | Connect Via | K*3 | K*4 | K*5 | K*6 | K*7 | K*8 | K*9 |
|----------------------|-----------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|-------------------------------------|
| 1kHz to 9.99kHz | PCB Pins | 16 <i>2.96" x 1.93" x 0.75"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> | | | |
| | SMA Female | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | | | |
| | BNC Female | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | | | |
| 10kHz to 49.99kHz | PCB Pins | 1335 <i>3.3" x 1.0" x 0.50"</i> | 1335 <i>3.3" x 1.0" x 0.50"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> | 20 <i>5.0" x 1.93" x 0.75"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> |
| | SMA Female | 69A <i>3.0" x 1.0" x 0.75"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.93" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.93" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> |
| | BNC Female | 69B <i>3.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.93" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> |
| 50kHz to 299kHz | PCB Pins | 1335 <i>3.3" x 1.0" x 0.50"</i> | 1335 <i>3.3" x 1.0" x 0.50"</i> | 1405 <i>4.0" x 1.0" x 0.50"</i> | 1405 <i>4.0" x 1.0" x 0.50"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> | 20 <i>5.0" x 1.93" x 0.75"</i> | 20 <i>5.0" x 1.42" x 0.75"</i> |
| | SMA Female | 69A <i>3.0" x 1.0" x 0.75"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> |
| | BNC Female | 69B <i>3.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> |
| 300kHz to 999kHz | PCB Pins | 1245 <i>2.4" x 1.0" x 0.50"</i> | 1335 <i>3.3" x 1.0" x 0.50"</i> | 1335 <i>3.3" x 1.0" x 0.50"</i> | 1405 <i>4.0" x 1.0" x 0.50"</i> | 1405 <i>4.0" x 1.0" x 0.50"</i> | 22 <i>5.0" x 1.42" x 0.50"</i> | 22 <i>5.0" x 1.42" x 0.50"</i> |
| | SMA Female | 69A <i>3.0" x 1.0" x 0.75"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> |
| | BNC Female | 65B <i>2.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> |
| 1MHz to 19.9MHz | PCB Pins | 1245 <i>2.4" x 1.0" x 0.50"</i> | 1245 <i>2.4" x 1.0" x 0.50"</i> | 1335 <i>3.3" x 1.0" x 0.50"</i> | 1335 <i>3.3" x 1.0" x 0.50"</i> | 1405 <i>4.0" x 1.0" x 0.50"</i> | 1405 <i>4.0" x 1.0" x 0.50"</i> | 1405 <i>4.0" x 1.0" x 0.50"</i> |
| | SMA Female | 69A <i>3.0" x 1.0" x 0.75"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> |
| | BNC Female | 65B <i>2.0" x 1.0" x 0.5"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> |
| 20MHz to 99.9MHz | PCB Pins | 1664 <i>1.6" x 0.60" x 0.40"</i> | 2064 <i>2.0" x 0.60" x 0.40"</i> | 2464 <i>2.4" x 0.60" x 0.40"</i> | 2864 <i>2.8" x 0.60" x 0.40"</i> | 3264 <i>3.2" x 0.60" x 0.40"</i> | 3564 <i>3.5" x 0.60" x 0.40"</i> | 3564 <i>3.5" x 0.60" x 0.40"</i> |
| | SMT | SM1864 <i>1.8" x 0.60" x 0.38"</i> | SM2264 <i>2.2" x 0.60" x 0.38"</i> | SM2664 <i>2.6" x 0.60" x 0.38"</i> | SM3064 <i>3.0" x 0.60" x 0.38"</i> | SM3064 <i>3.0" x 0.60" x 0.38"</i> | | |
| | SMA Female | 65A <i>2.0" x 1.0" x 0.5"</i> | 65A <i>2.0" x 1.0" x 0.5"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 69A <i>3.0" x 1.0" x 0.75"</i> | 1338A <i>3.75" x 1.0" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> | 720A <i>5.0" x 1.42" x 0.75"</i> |
| BNC Female | 65B <i>2.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 69B <i>3.0" x 1.0" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | 720B <i>5.0" x 1.42" x 0.75"</i> | |
| 100MHz to 1000MHz | PCB Pins | 1664 <i>1.6" x 0.60" x 0.4"</i> | 2064 <i>2.0" x 0.60" x 0.4"</i> | 2464 <i>2.4" x 0.60" x 0.4"</i> | 2864 <i>2.8" x 0.60" x 0.4"</i> | 3264 <i>3.2" x 0.60" x 0.4"</i> | 3564 <i>3.5" x 0.60" x 0.4"</i> | 3564 <i>3.5" x 0.60" x 0.4"</i> |
| | SMT | SM1864 <i>1.8" x 0.60" x 0.38"</i> | SM2264 <i>2.2" x 0.60" x 0.38"</i> | SM2664 <i>2.6" x 0.60" x 0.38"</i> | SM2664 <i>2.6" x 0.60" x 0.38"</i> | SM3064 <i>3.0" x 0.60" x 0.38"</i> | | |
| | SMA Female | 2065A <i>2.0" x 0.60" x 0.5"</i> | 2065A <i>2.0" x 0.60" x 0.5"</i> | 385A <i>3.0" x 0.75" x 0.5"</i> | 385A <i>3.0" x 0.75" x 0.5"</i> | 4065A <i>4.0" x 0.60" x 0.5"</i> | 4065A <i>4.0" x 0.60" x 0.5"</i> | 4065A <i>4.0" x 0.60" x 0.5"</i> |

PLEASE REFER TO THE CASE OUTLINE DRAWINGS FOR THE EXACT DIMENSIONS and MOUNTING INFORMATION.

*

B= Butterworth to 2000MHz

C=Chebyshev to 1000MHz

G=Gaussian to 200MHz

T= Bessel to 200MHz