

## Model SHX-BRF Band Reject Filter



Filter is a kind of the device that allowing a certain part of the frequency of the signal through smoothly, and inhibit the other part of the frequency of the signal. Can pass the frequency range of the signal in the filter, known as the passband; On the other hand, the signal attenuation or completely suppressed was very frequency range is called the band rejection. It is small with firm structure and high stability etc.

### ELECTRICAL SPECIFICATIONS

Model Number	Pass Band(MHz)	Reject Band(MHz)	Pass Band Loss(dB)	Pass band Flatness(dB)	Return Loss(dB)	Reject Attenuation(dB)	Power Handling In Pass Band	Connector Type	Dimension (mm)
SHX-BRF-1805-1875-70	600-1800 1880-3000	1805-1875	≤6.0	≤4.5	≥11	≥70@ 1805-1875MHz	30W CW 300W Peak	N	320×160×50
SHX-BRF-1880-1915-70	600-1875 1920-3000	1880-1915	≤6.0	≤4.5	≥11	≥70@ 1800-1915MHz		N	320×72×50
SHX-BRF-2110-2170-70	9K-2105 2175-3000	2110-2170	≤6.0	≤4.5	≥10	≥70@ 2110-2170MHz		N	320×72×50
SHX-BRF-2320-2370-60	1-2315 2375-4000	2320-2370	≤5.0	≤3.5	≥10	≥60@ 2320-2370MHz		N	320×160×50
SHX-BRF-2575-2615-70	2450-2570 2620-2740	2575-2615	≤5.0	/	/	≥70@ 2575-2615MHz	1W CW 10W Peak	N	320×72×50

**NOMINAL IMPEDANCE:** 50Ω

**TEMPERATURE RANGE:** +10°C~+30°C

#### Notes:

1. Dimensions Tolerance ±2%