

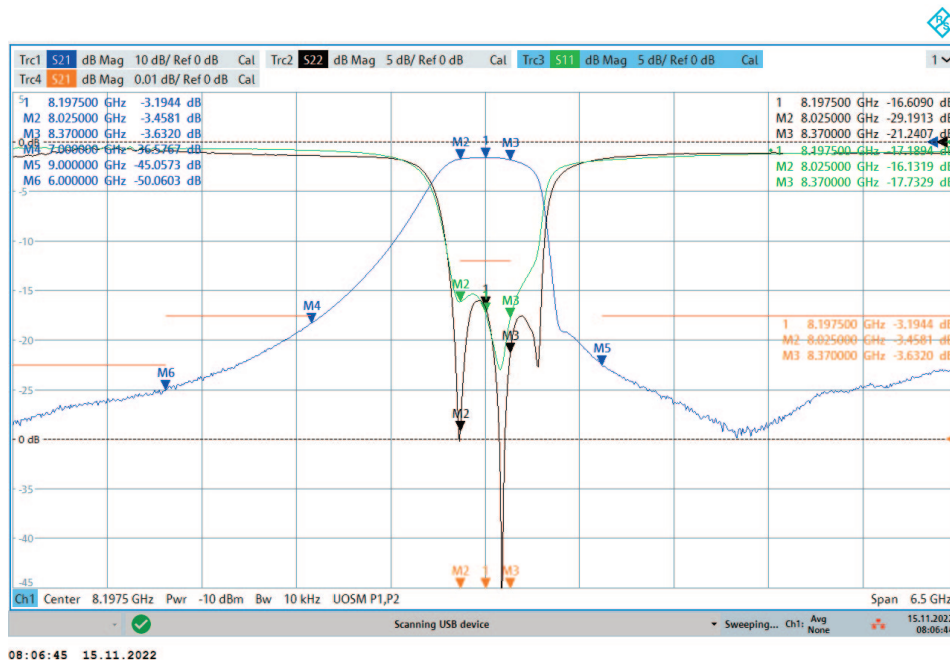
QB 520 – QFN Fixed Bandpass Filter

BSC have developed a range of QFN packaged filters bringing together world leading fixed and tunable filter performance in industry standard 10mm x 10mm and 12mm x 12mm QFN packages. Harnessing over 30 years of BSC filter design expertise and proprietary in-house manufacturing capability, these filters can be designed and manufactured on extremely short lead times. Multi-channel switched filter banks, custom frequencies, and tuneable filter options available.



SPECIFICATIONS

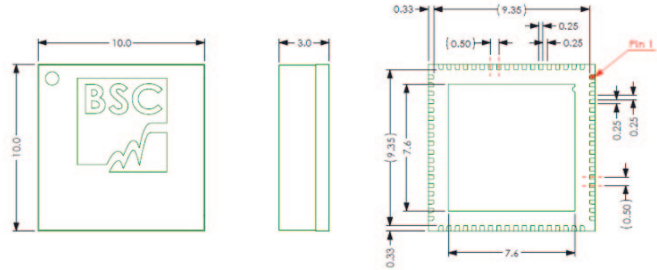
Passband From	8025 MHz to 8370 MHz
Insertion Loss	4 dB max
Passband Return Loss	12 dB min
Rejection from DC to 6000 MHz	45 dB min
Rejection at 7000 MHz	35 dB min
Rejection at 9000 MHz	35 dB min
Maximum Power HandlingHz	20 dB max
Dimensions	10 x 10 x 3 mm typical
Input Connector	Surface Mount
Output Connector	Surface Mount
Operating Temperature Range	-55°C to 85°C
Dimensions	10mm x 10mm QFN Package



QB 520 – QFN Fixed Bandpass Filter

PIN LAYOUT & DIMENSIONS

10 X 10MM QFN PACKAGE	
PIN	FUNCTION
11	RF IN
44	RF OUT



12 X 12MM QFN PACKAGE	
PIN	FUNCTION
11	RF IN
50	RF OUT

