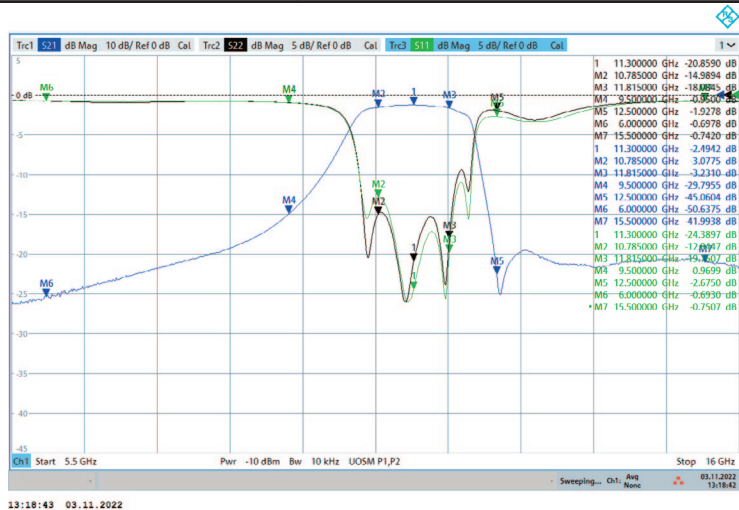


QB 518 – QFN Fixed Bandpass Filter

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	10785 MHz to 11815 MHz
Insertion Loss at Bandedges	3.5 dB max
Passband Flatness	1.5 dB max
Passband Return Loss	10 dB min
Rejection from 100 MHz to 6000 MHz	40 dB min
Rejection from 6000 MHz to 9500 MHz	20 dB min
Rejection from 12500 MHz to 15500 MHz	20 dB min
Rejection from 15500 MHz to 20000 MHz	35 dB min
Maximum Power Handling	1 W CW
Maximum Power Handling over Passband	2 W Peak
Input Connector	Surface Mount
Output Connector	Surface Mount
Operating Temperature Range	-40 to +85 °C
External Finish	No Finish
Sealed	No
Dimensions	10mm x 10mm QFN Package

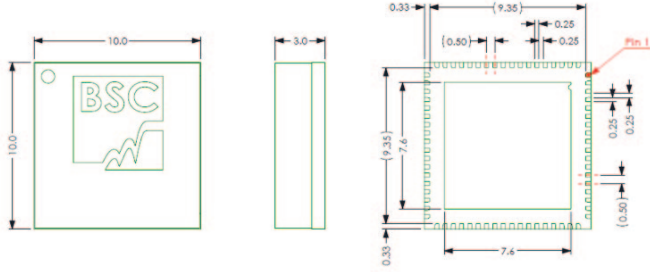


QB 518 – QFN Fixed Bandpass Filter

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

