

EPCOS Sample Kit 2012

# SAW Filters and Resonators

for Wireless Comfort Systems (ISM Frequencies 315 MHz up to 2.4 GHz)



## SAW Filters and Resonators for Wireless Comfort Systems

f <sub>c</sub>	Wideband Filters				Narrowband Filters				Resonators		
	Type	Package size	Usable band-width	Typical insertion loss	Type	Package size	Usable band-width	Typical insertion loss	Type	Package size	Tolerance
MHz		mm <sup>2</sup>	MHz	dB		mm <sup>2</sup>	MHz	dB		mm <sup>2</sup>	kHz
315.00	B3722	3030	1.0	1.5	B3741	3030	0.36	2.1	R1901	3030	±50
					B3961	2520	0.30	2.3	R1921	3030	±25
433.92	B3721	3030	1.6	2.6	B3740	3030	0.36	2.5	R970	3030	±50
					B3960	2520	0.34	2.2	R1920	3030	±25
868.30	B3725*	3030	2.0	2.5	B3734	3030	0.30	2.6	R1950	3030	±150
	B3717**	3030	7.0	2.2							
915.00	B3588	3030	28.0	2.9							
2448.50	B3912	3030	97.0	1.7							

- For more EPCOS SAW filters and datasheets please go to [www.epcos.com](http://www.epcos.com) → product catalog → SAW Components and Modules → Automotive Electronics
- For application support and/or customized SAW filters please contact your closest TDK/EPCOS sales office

- Sample kit release: January 2012
- Do not use samples of sample box for qualification purposes!

\*f<sub>c</sub> = 869.0 MHz \*\*f<sub>c</sub> = 866.5 MHz

**Important information:** It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.