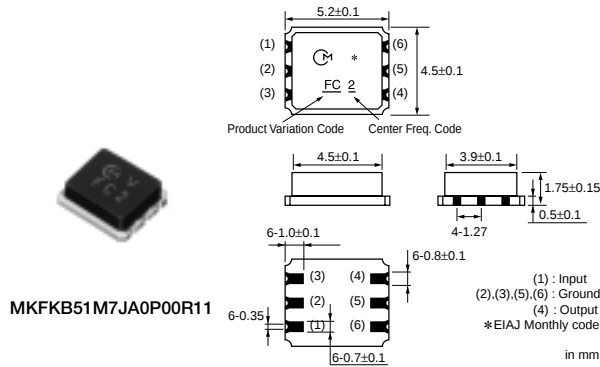
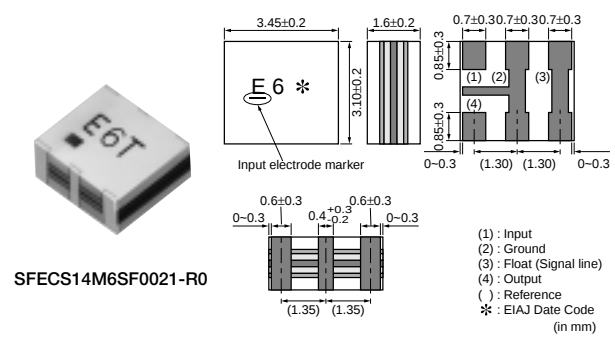
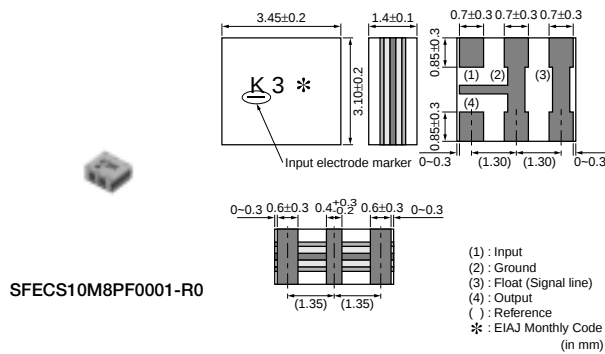
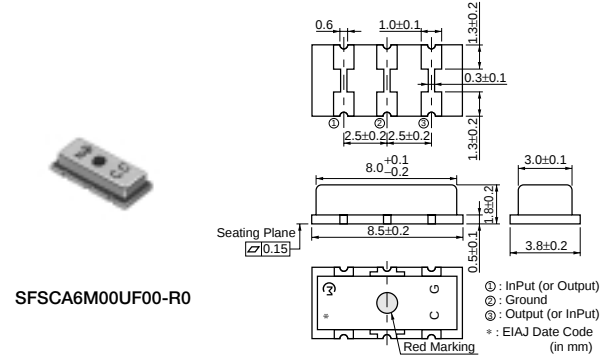
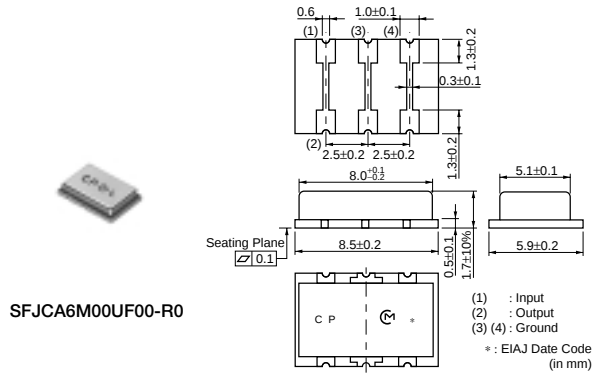


● MHz SMD Type



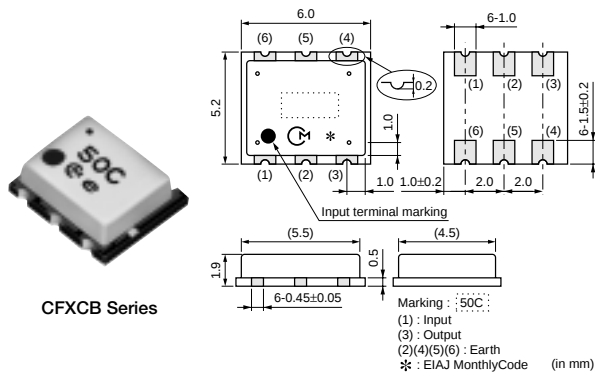
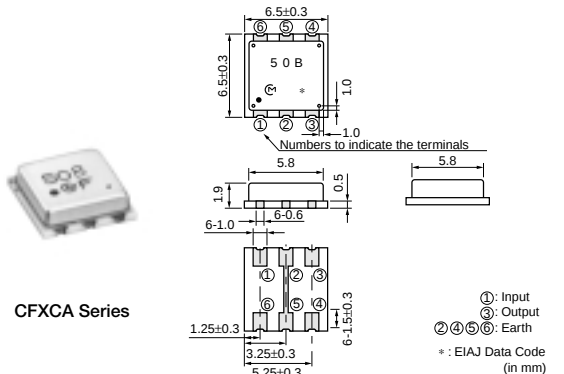
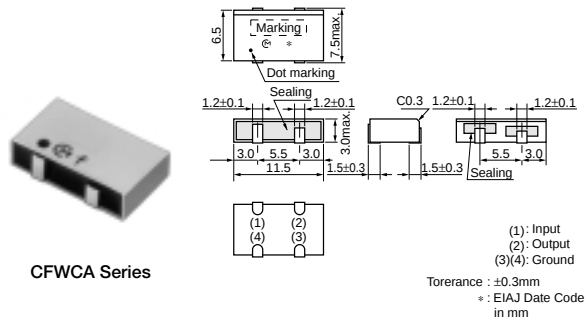
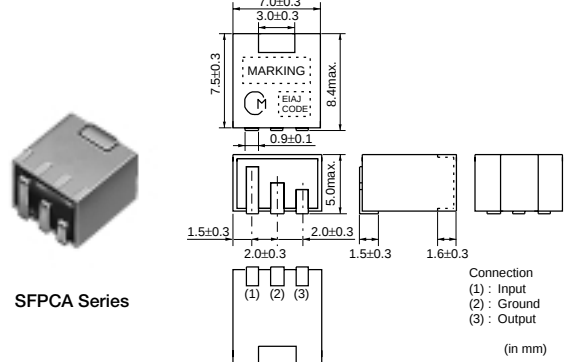
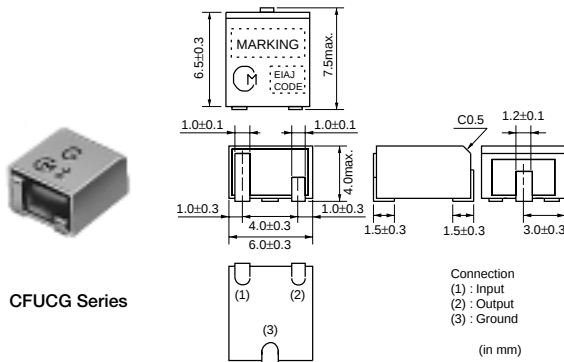
Part Number	Center Frequency (fo) (MHz)	Nominal Center Frequency (fn) (MHz)	3dB Bandwidth (kHz)	6dB Bandwidth (kHz)	Stop Bandwidth (kHz)	Stop Band Attenuation (dB)	Insertion Loss (dB)	Ripple (dB)	Input/Output Impedance (ohm)
SFJCA6M00UF00-R0	-	6.000	-	fn ±80 to ±115kHz	-	12.0 min.	7.5 ±2.0	3.0 max.	500
SFSCA6M00UF00-R0	-	6.000	fn ±80 min.	-	-	3.0 min.	6.0 max.	3.0 max.	500
SFECs10M8PF0001-R0	-	10.800	fn±110 min.	-	fn±310 max. [within 20dB]	35 min.	6.0 max.	0.5 max.	330
SFECs10M8RF0001-R0	-	10.800	fn±135 min.	-	fn±350 max. [within 20dB]	32 min.	6.0 max.	0.5 max.	330
SFECs10M8SF00-R0	-	10.800	fn±150 min.	-	fn±420 max. [within 20dB]	-	5.0 max.	1.0 max.	330
SFECs13M0SF0021-R0	-	13.000	fn±90 min. [1dB Bandwidth]	fn±250 max. [5dB Bandwidth]	-	25 min.	6.0 max.	1.0 max.	330
SFECs13M0SF0023-R0	-	13.000	fn±90 min. [1dB Bandwidth]	fn±250 max. [5dB Bandwidth]	-	25 min.	6.0 max.	1.0 max.	330

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Part Number	Center Frequency (f ₀) (MHz)	Nominal Center Frequency (f _n) (MHz)	3dB Bandwidth (kHz)	6dB Bandwidth (kHz)	Stop Bandwidth (kHz)	Stop Band Attenuation (dB)	Insertion Loss (dB)	Ripple (dB)	Input/Output Impedance (ohm)
SFECS14M6SF0021-R0	14.600 ±50kHz	14.600	f _n ±300 min.	-	-	17 min.	6.0 max.	1.0 max.	330
MKFKB51M7JA0P00R11	-	51.760	f _n ±85 min.	-	-	25 min.	8.0 max.	0.5 max.	50 / -0 pF

● kHz SMD Type



Part Number	Center Frequency (f ₀) (kHz)	Nominal Center Frequency (f _n) (kHz)	3dB Bandwidth (kHz)	6dB Bandwidth (kHz)	Stop Bandwidth (kHz)	Stop Band Attenuation (dB)	Insertion Loss (dB)	Ripple (dB)	Input/Output Impedance (ohm)
CFUCG455KD4A-R0	455.0 ±1.5kHz	-	-	f _n ±10.0 min.	f _n ±20.0 max. [within 40dB]	27 min.	4.0 max.	2.0 max.	1500
CFUCG455KE4A-R0	455.0 ±1.5kHz	-	-	f _n ±7.5 min.	f _n ±15.0 max. [within 40dB]	27 min.	6.0 max.	1.5 max.	1500
CFUCG455KE4X-R0	455.0 ±1.5kHz	-	-	f _n ±7.5 min.	f _n ±17.5 max. [within 40dB]	27 min.	6.0 max.	1.0 max.	1500
CFUCG455KF4A-R0	455.0 ±1.5kHz	-	-	f _n ±6.0 min.	f _n ±12.5 max. [within 40dB]	27 min.	6.0 max.	1.5 max.	1500

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Filters for Communication Equipment

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Part Number	Center Frequency (fo) (kHz)	Nominal Center Frequency (fn) (kHz)	3dB Bandwidth (kHz)	6dB Bandwidth (kHz)	Stop Bandwidth (kHz)	Stop Band Attenuation (dB)	Insertion Loss (dB)	Ripple (dB)	Input/Output Impedance (ohm)
CFUCG455KF4X-R0	455.0 ±1.5kHz	-	-	fn±6.0 min.	fn±15.0 max. [within 40dB]	27 min.	6.0 max.	1.0 max.	1500
CFUCG455KG1A-R0	455.0 ±1.0kHz	-	-	fn±4.5 min.	fn±10.0 max. [within 40dB]	25 min.	6.0 max.	1.5 max.	1500
CFUCG455KG1X-R0	455.0 ±1.0kHz	-	-	fn±4.5 min.	fn±12.5 max. [within 40dB]	25 min.	6.0 max.	1.0 max.	1500
CFUCG455KH1X-R0	455.0 ±1.0kHz	-	-	fn±3.0 min.	fn±10.0 max. [within 40dB]	25 min.	7.0 max.	1.0 max.	1500
CFUCF455KA2X-R0	455.0 ±2.0kHz	-	-	fn±17.5 min.	fn±40.0 max. [within 40dB]	25 min.	4.0 max.	1.0 max.	1000
CFUCF455KB4X-R0	455.0 ±1.5kHz	-	-	fn±15.0 min.	fn±35.0 max. [within 40dB]	25 min.	5.0 max.	1.0 max.	1000
CFUCF455KC4X-R0	455.0 ±1.5kHz	-	-	fn±12.5 min.	fn±30.0 max. [within 40dB]	25 min.	6.0 max.	1.0 max.	1000
CFUCF455KD1X-R0	455.0 ±1.0kHz	-	-	fn±10.0 min.	fn±25.0 max. [within 40dB]	23 min.	7.0 max.	1.0 max.	1500
CFUCF455KE1X-R0	455.0 ±1.0kHz	-	-	fn±7.5 min.	fn±20.0 max. [within 40dB]	23 min.	8.0 max.	1.0 max.	1500
SFPCA455KD4A-R0	455.0 ±1.5kHz	-	-	fn±10.0 min.	fn±20.0 max. [within 40dB]	27 min.	4.0 max.	2.0 max.	1500
SFPCA455KE4A-R0	455.0 ±1.5kHz	-	-	fn±7.5 min.	fn±15.0 max. [within 40dB]	27 min.	6.0 max.	1.5 max.	1500
SFPCA455KF4A-R0	455.0 ±1.5kHz	-	-	fn±6.0 min.	fn±12.5 max. [within 40dB]	27 min.	6.0 max.	1.5 max.	1500
SFPCA455KG1A-R0	455.0 ±1.0kHz	-	-	fn±4.5 min.	fn±10.0 max. [within 40dB]	25 min.	6.0 max.	1.5 max.	1500
SFPCA455KH1A-R0	455.0 ±1.0kHz	-	-	fn±3.0 min.	fn±9.0 max. [within 40dB]	25 min.	6.0 max.	1.5 max.	2000
CFWCA450KBFY001-R0	-	450.0	fn±11.5 min.	fn±13.0 min.	fn±30.0 max. [within 50dB]	45 min.	4.0 max.	2.0 max.	1000
CFWCA450KDFA-R0	-	450.0	-	fn±10.0 min.	fn±20.0 max. [within 50dB]	50 min.	4.0 max.	3.0 max.	1500
CFWCA450KEFA-R0	-	450.0	-	fn±7.5 min.	fn±15.0 max. [within 50dB]	50 min.	6.0 max.	3.0 max.	1500
CFWCA450KEFA001-R0	-	450.0	fn±6.5 min.	-	fn±15.0 max. [within 50dB]	55 min.	4.0 max.	3.0 max.	1500
CFWCA450KFFA-R0	-	450.0	-	fn±6.0 min.	fn±12.5 min. [within 50dB]	50 min.	6.0 max.	3.0 max.	1500
CFWCA450KGFA-R0	-	450.0	-	fn±4.5 min.	fn±11.0 max. [within 50dB]	50 min.	6.0 max.	2.0 max.	1500
CFXCA450KBFA-R1	-	450.0	-	fn±15.0 min.	fn±50.0 max. [within 50dB]	47 min.	6.0 max.	0.5 max.	2000
CFXCB450KCFA011-R1	-	450.0	fn±9.0 to ±12.0kHzmax.	-	fn±35.0 max. [within 5dB]	30 min.	6.0 max.	0.5 max.	2000

For safety purposes, connect the output of filters to the IF amplifier through a DC blocking capacitor. Avoid applying a direct current to the output of ceramic filters.