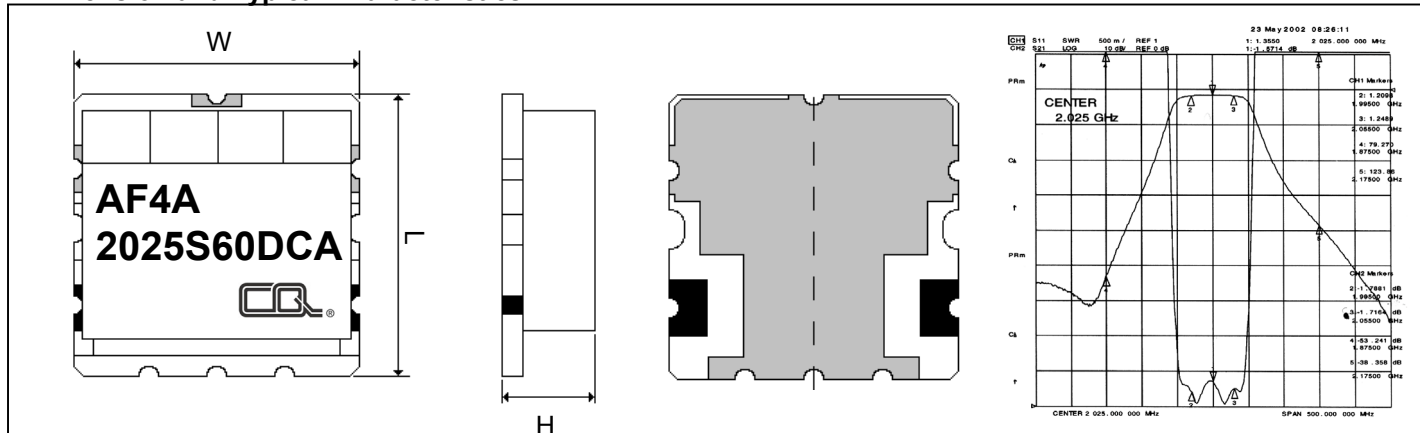




## Dielectric Filter (AF Type)

### • Dimension and Typical Characteristics



### • Electrical Characteristics

Part Number	Center Frequency fo (MHz)	Bandwidth (MHz)	Insertion Loss (dB max.)	Ripple (dB max.)	VSWR max.	Stop Band Attenuation (dB min.)	Dimension W x L x H (mm)	Application
AF3A830S10KCA	830.0	fo±5.0	1.5	0.3	1.5	30 (fo±50MHz)	20.5 x 15 x 7.5	China CDMA
AF3A875S10KCA	875.0	fo±5.0	1.5	0.3	1.5	30 (fo±50MHz)	20.5 x 15 x 7.5	
AF4A830S10DCA	830.0	fo±5.0	3.0	0.8	1.5	35 (fo±50MHz)	13 x 16 x 4.5	
AF4A875S10DCA	875.0	fo±5.0	3.0	0.8	1.5	35 (fo±50MHz)	13 x 16 x 4.5	
AF5A830S10HCA	830.0	fo±5.0	3.0	0.5	1.5	55 (fo±50MHz)	26 x 16 x 6.5	
AF5A875S10HCA	875.0	fo±5.0	3.0	0.5	1.5	55 (fo±50MHz)	26 x 16 x 6.5	
AF6A830S10KCA	830.0	fo±5.0	4.0	0.5	1.5	60 (fo±50MHz)	38 x 23 x 7.5	
AF6A875S10KCA	875.0	fo±5.0	4.0	0.5	1.5	60 (fo±50MHz)	38 x 23 x 7.5	
AF3A902S25DCA	902.5	fo±12.5	2.5	1.0	1.7	12 (fo±32.5MHz)	10 x 14 x 4.5	GSM
AF3A947S25DCA	947.5	fo±12.5	2.5	1.0	1.7	12 (fo±32.5MHz)	10 x 14 x 4.5	
AF3A902F25DCB	902.5	fo±12.5	2.2	0.6	2.0	12 (fo±32.5MHz)	10 x 14 x 4.5	
AF3A947F25DCB	947.5	fo±12.5	2.2	0.6	2.0	12 (fo±32.5MHz)	10 x 14 x 4.5	
AF5B902F25HCA	902.5	fo±12.5	3.0	1.0	1.5	38 (fo±32.5MHz)	26 x 16 x 6.5	
AF5B947F25HCA	947.5	fo±12.5	3.0	1.0	1.5	45 (fo±32.5MHz)	26 x 16 x 6.5	
AF4A1950S60DCA	1950.0	fo±30.0	3.0	1.0	1.5	35 (fo±160MHz)	13.5 x 12.5 x 4.5	IMT-2000
AF4A2140S60DCA	2140.0	fo±30.0	3.0	1.0	1.5	45 (fo±160MHz)	13.5 x 12.5 x 4.5	
AF5A1950S60HCA	1950.0	fo±30.0	2.5	1.0	1.5	55 (fo±160MHz)	23 x 15 x 5.5	
AF5A2140S60HCA	2140.0	fo±30.0	2.5	1.0	1.5	55 (fo±160MHz)	23 x 15 x 5.5	
AF3A1747F75DCA	1747.5	fo±37.5	2.0	1.0	2.0	8 (fo±80MHz)	10 x 8.0 x 4.5	DCS
AF3A1842F75DCA	1842.5	fo±37.5	2.0	1.0	2.0	8 (fo±80MHz)	10 x 8.0 x 4.5	
AF4A1747S75DCA	1747.5	fo±37.5	3.0	1.3	1.8	50 (fo±200MHz)	13 x 10 x 4.5	
AF4A1842S75DCA	1842.5	fo±37.5	3.0	1.3	1.8	50 (fo±200MHz)	13 x 10 x 4.5	
AF6A1747F75KCA	1747.5	fo±37.5	3.5	2.0	1.5	25 (fo±57.5MHz)	38 x 16 x 8.0	
AF6A1842F75KCA	1842.5	fo±37.5	3.5	2.0	1.5	25 (fo±57.5MHz)	38 x 16 x 8.0	

- For other frequencies or specifications, please consult with our sales representatives for details.



### ● Electrical Characteristics (continued from the preceding page)

Part Number	Center Frequency fo (MHz)	Bandwidth (MHz)	Insertion Loss (dB max.)	Ripple (dB max.)	VSWR max.	Stop Band Attenuation (dB min.)	Dimension W x L x H (mm)	Application
AF4A1880S60DCA	1880.0	fo±30.0	2.5	1.0	1.8	20 (fo±80MHz)	13 x 12 x 4.5	US-PCS
AF4A1960S60DCC	1960.0	fo±30.0	2.5	1.0	1.8	20 (fo±80MHz)	13 x 12 x 4.5	
AF5B1880F60KCA	1880.0	fo±30.0	3.5	1.5	1.5	30 (fo+50MHz)	32 x 17 x 7.5	
AF5B1960F60KCA	1960.0	fo±30.0	3.5	1.5	1.5	35 (fo-50MHz)	32 x 17 x 7.5	
AF7A1880F60KCA	1880.0	fo±30.0	3.5	1.5	1.5	50 (fo+50MHz)	44 x 16 x 8.0	
AF7A1960F60KCA	1960.0	fo±30.0	3.5	1.5	1.5	50 (fo-50MHz)	44 x 16 x 8.0	
AF4A409F07KCA	409.5	fo±3.5	3.0	0.8	1.7	30 (fo+13.5MHz)	26 x 24 x 7.5	WLL
AF4A426F07KCA	426.5	fo±3.5	3.0	0.8	1.7	30 (fo-13.5MHz)	26 x 24 x 7.5	
AF4A836S25DCA	836.5	fo±12.5	3.0	0.6	1.5	20 (fo+32.5MHz)	13 x 16 x 4.5	Korea CDMA
AF4A881S25DCA	881.5	fo±12.5	3.0	0.6	1.5	20 (fo-32.5MHz)	13 x 16 x 4.5	
AF3A830F10DCA	830.0	fo±5.0	2.6	1.0	2.0	12 (fo±25MHz)	10 x 14.6 x 4.5	C-CDMA
AF3A875F10DCA	875.0	fo±5.0	2.6	1.0	2.0	12 (fo±25MHz)	10 x 14.6 x 4.5	
AF4A830F10KCB	830.0	fo±5.0	3.0	1.0	1.5	50 (fo+45MHz)	25 x 14 x 7.0	
AF4A875F10KCB	875.0	fo±5.0	3.0	1.0	1.5	50 (fo-45MHz)	25 x 14 x 7.0	
AF6A830F10KCA	830.0	fo±5.0	4.0	0.5	1.5	60 (fo±50MHz)	38 x 18.5 x 7.5	
AF6A875F10KCA	875.0	fo±5.0	4.0	0.5	1.5	60 (fo±50MHz)	38 x 18.5 x 7.5	
AF4A1950S60DCC	1950.0	fo±30.0	2.5	1.0	1.5	30dBc (fo+160MHz)	13 x 12 x 4.5	W-CDMA
AF4A2140S60DCB	2140.0	fo±30.0	2.5	1.0	1.5	40dBc (fo-160MHz)	13 x 12 x 4.5	
AF5A1950F60HCA	1950.0	fo±30.0	2.5	1.0	1.5	55 (fo±160MHz)	26 x 14 x 6.5	
AF5A2140F60HCA	2140.0	fo±30.0	2.5	1.0	1.5	55 (fo±160MHz)	26 x 14 x 6.5	
AF9A870F02KCA	870.0	fo±1.0	15.0	2.0	1.5	70 (fo±10MHz)	56 x 20 x 7.5	Narrow Band
AF9A990F06KCA	990.0	fo±3.0	12.0	2.0	1.5	50 (fo±10MHz)	56 x 20 x 7.5	
AF5A1100F400HCA	1100.0	fo±200	1.5	1.0	1.8	40 (fo-400)	26 x 14 x 6.5	Wide Band
AF6A1000F350KCA	1000.0	fo±175	2.0	0.8	1.5	35 (fo-275)	38 x 18.5 x 7.5	
AF6A1237F575KCA	1237.5	fo±287.5	2.0	0.5	1.5	10 (fo-337.5)	38 x 18.5 x 7.5	
AF10A975F250KCA	975.0	fo±125	3.5	1.7	1.8	40 (fo±170MHz)	62 x 20 x 7.5	
AF3A813F15DCC	813.5	fo±7.5	2.6	1.0	2.0	12 (fo±27.5MHz)	10 x 14 x 4.5	TRS
AF3A858F15DCC	858.5	fo±7.5	2.6	1.0	2.0	12 (fo±27.5MHz)	10 x 14 x 4.5	

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