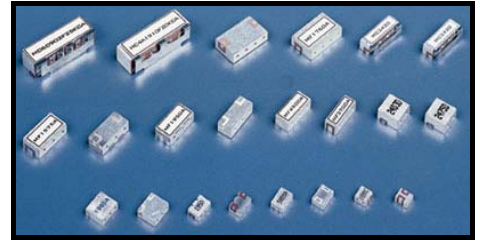


## Features

- Small and light size
- Low insertion loss for using high Q-value resonators
- Excellent temperature stability
- Excellent mechanical structure
- Good selectivity
- Suitable for surface mount and reflow soldering

## MF/MC/MP Series



## Electronic Characteristics

Part Number	Center Freq. $f_0$ (MHz)	Pass Bandwidth (MHz)	Insertion Loss (dB max)	Ripple (dB) max	VSWR max	Stop Band Attenuation (dB min)	Dimension W x L x H (mm)	Applications
MF3A830S10FCA	830.0	$f_0 \pm 5.0$	3.5	1.0	2.0	28 ( $f_0 \pm 40$ )	12 x 9 x 4.0	China CDMA
MF3A875S10FCA	875.0	$f_0 \pm 5.0$	3.5	1.0	2.0	28 ( $f_0 \pm 40$ )	12 x 9 x 4.0	
MP4A830S10DCB	830.0	$f_0 \pm 5.0$	3.5	1.0	1.5	40 ( $f_0 \pm 40$ )	13 x 12 x 5.0	
MP4A875S10DCB	875.0	$f_0 \pm 5.0$	3.5	1.0	1.5	40 ( $f_0 \pm 40$ )	13 x 12 x 5.0	
MF5B902F25KCA	902.5	$f_0 \pm 12.5$	2.0	1.0	1.5	40 ( $f_0 + 32.5$ )	30 x 8.3 x 6.5	GSM
MF4B947F25KCA	947.5	$f_0 \pm 12.5$	2.0	1.0	1.5	40 ( $f_0 - 32.5$ )	25 x 8.3 x 6.5	
MF3A1950S60FCA	1950.0	$f_0 \pm 30.0$	2.5	1.0	1.5	40 ( $f_0 + 160$ )	11.5 x 6 x 3.9	IMT-2000
MF3A2140S60FCA	2140.0	$f_0 \pm 30.0$	2.5	1.0	1.5	40 ( $f_0 - 160$ )	11.5 x 6 x 3.9	
MF3A1747S75BCA	1747.5	$f_0 \pm 37.5$	3.0	1.0	1.8	25 ( $f_0 + 132.5$ )	5.7 x 4.4 x 2.0	DCS
MF3A1842S75BCA	1842.5	$f_0 \pm 37.5$	3.0	1.0	1.8	30 ( $f_0 - 132.5$ )	5.7 x 4.2 x 2.0	
MF5B1747F75FCA	1747.5	$f_0 \pm 37.5$	3.5	2.0	1.8	20 ( $f_0 + 57.5$ )	13.5 x 6.5 x 4.0	
MF5B1842S75FCA	1842.5	$f_0 \pm 37.5$	3.5	2.0	1.8	30 ( $f_0 - 57.5$ )	13.5 x 5.7 x 4.5	
MC4A3420S40FCA	3420.0	$f_0 \pm 20.0$	2.5	0.5	1.5	35 ( $f_0 + 100$ )	15 x 5.7 x 4.5	MMDS
MC4A3520S40FCA	3520.0	$f_0 \pm 20.0$	2.5	0.5	1.5	35 ( $f_0 + 100$ )	15 x 5.7 x 4.5	
MF3A3462S27DCA	3462.5	$f_0 \pm 13.5$	3.0	1.0	1.5	15 ( $f_0 + 86$ )	8.3 x 7.5 x 3.0	
MF2A3562S27DCA	3562.5	$f_0 \pm 13.5$	3.0	1.0	1.5	15 ( $f_0 + 86$ )	8.3 x 7.2 x 3.0	
MF3A3450S100DCA	3450.0	$f_0 \pm 50.0$	2.3	1.0	1.5	12 ( $f_0 + 150$ )	8.3 x 4.5 x 3.0	
MF3A3550S100DCA	3550.0	$f_0 \pm 50.0$	2.3	1.0	1.5	15 ( $f_0 - 150$ )	8.3 x 4.5 x 3.0	

Note: Please consult VTC support for other frequencies and specification that is not listed above.

## Method of Definition

**MF 3 A 1950 S 60 F C A**

- MF : Part type  
 3 : Number of holes  
 A : Notch type  
 1950 : Center frequency in MHz  
 S : PCB mount type  
 60 : Bandwidth in MHz  
 F : Dimensions  
 C : Hole structure  
 A : Versions

## Outline Drawing

