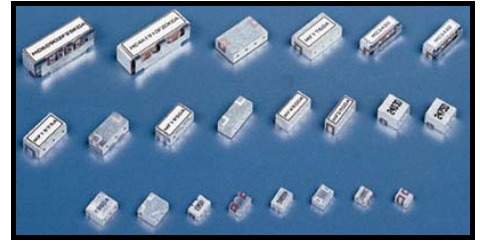


Features

- 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 × 9 × 4.0	China CDMA
MF3A875S10FCA	875.0	$f_0 \pm 5.0$	3.5	1.0	2.0	28 ($f_0 \pm 40$)	12 × 9 × 4.0	
MP4A830S10DCB	830.0	$f_0 \pm 5.0$	3.5	1.0	1.5	40 ($f_0 \pm 40$)	13 × 12 × 5.0	
MP4A875S10DCB	875.0	$f_0 \pm 5.0$	3.5	1.0	1.5	40 ($f_0 \pm 40$)	13 × 12 × 5.0	
MF5B902F25KCA	902.5	$f_0 \pm 12.5$	2.0	1.0	1.5	40 ($f_0 + 32.5$)	30 × 8.3 × 6.5	GSM
MF4B947F25KCA	947.5	$f_0 \pm 12.5$	2.0	1.0	1.5	40 ($f_0 - 32.5$)	25 × 8.3 × 6.5	
MF3A1950S60FCA	1950.0	$f_0 \pm 30.0$	2.5	1.0	1.5	40 ($f_0 + 160$)	11.5 × 6 × 3.9	IMT-2000
MF3A2140S60FCA	2140.0	$f_0 \pm 30.0$	2.5	1.0	1.5	40 ($f_0 - 160$)	11.5 × 6 × 3.9	
MF3A1747S75BCA	1747.5	$f_0 \pm 37.5$	3.0	1.0	1.8	25 ($f_0 + 132.5$)	5.7 × 4.4 × 2.0	DCS
MF3A1842S75BCA	1842.5	$f_0 \pm 37.5$	3.0	1.0	1.8	30 ($f_0 - 132.5$)	5.7 × 4.2 × 2.0	
MF5B1747F75FCA	1747.5	$f_0 \pm 37.5$	3.5	2.0	1.8	20 ($f_0 + 57.5$)	13.5 × 6.5 × 4.0	
MF5B1842S75FCA	1842.5	$f_0 \pm 37.5$	3.5	2.0	1.8	30 ($f_0 - 57.5$)	13.5 × 5.7 × 4.5	
MC4A3420S40FCA	3420.0	$f_0 \pm 20.0$	2.5	0.5	1.5	35 ($f_0 + 100$)	15 × 5.7 × 4.5	MMDS
MC4A3520S40FCA	3520.0	$f_0 \pm 20.0$	2.5	0.5	1.5	35 ($f_0 + 100$)	15 × 5.7 × 4.5	
MF3A3462S27DCA	3462.5	$f_0 \pm 13.5$	3.0	1.0	1.5	15 ($f_0 + 86$)	8.3 × 7.5 × 3.0	
MF2A3562S27DCA	3562.5	$f_0 \pm 13.5$	3.0	1.0	1.5	15 ($f_0 + 86$)	8.3 × 7.2 × 3.0	
MF3A3450S100DCA	3450.0	$f_0 \pm 50.0$	2.3	1.0	1.5	12 ($f_0 + 150$)	8.3 × 4.5 × 3.0	
MF3A3550S100DCA	3550.0	$f_0 \pm 50.0$	2.3	1.0	1.5	15 ($f_0 - 150$)	8.3 × 4.5 × 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

