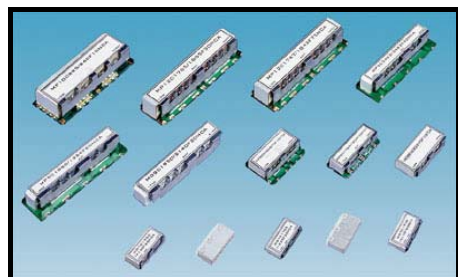


## MD & MP Series



### 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

### Electronic Characteristics

Part Number	Center Freq. $f_0$ (MHz)		Pass Bandwidth (MHz)	Insertion Loss (dB max)	VSWR max	Stop Band Attenuation (dB min)	Dimension W x L x H (mm)	Applications	
	Tx	Rx							
MD8C830/875F10FCA	Tx	830.0	$f_0 \pm 5.0$	2.5	1.7	45 ( $f_r \pm 5.0$ )	24 x 10 x 4.1	China CDMA	
	Rx	875.0	$f_0 \pm 5.0$	3.2	1.7	50 ( $f_t \pm 5.0$ )			
MP10C830/875F10FCA	Tx	830.0	$f_0 \pm 5.0$	2.4	1.5	45 ( $f_r \pm 30.0$ )	30 x 12 x 5.3		
	Rx	875.0	$f_0 \pm 5.0$	3.3	1.5	60 ( $f_t \pm 30.0$ )			
MP10C830/875F10NCA	Tx	830.0	$f_0 \pm 5.0$	1.8	1.5	60 ( $f_r \pm 30.0$ )	42 x 18 x 9.5		
	Rx	875.0	$f_0 \pm 5.0$	1.8	1.5	60 ( $f_t \pm 30.0$ )			
MD8C902/947F25FCA	Tx	902.5	$f_0 \pm 12.5$	2.5	1.8	40 ( $f_r \pm 12.5$ )	23 x 9 x 5.0		GSM
	Rx	947.5	$f_0 \pm 12.5$	3.2	1.8	45 ( $f_t \pm 12.5$ )			
MD7A1950/2140F60DCA	Tx	1950.0	$f_0 \pm 30.0$	1.7	1.8	35 ( $f_r \pm 30.0$ )	20 x 9 x 4.0		IMT-2000
	Rx	2140.0	$f_0 \pm 30.0$	2.5	1.8	35 ( $f_t \pm 30.0$ )			
MD9C1950/2140F60HCA	Tx	1950.0	$f_0 \pm 30.0$	2.0	1.5	55 ( $f_r \pm 30.0$ )	40 x 7.5 x 6.0		
	Rx	2140.0	$f_0 \pm 30.0$	2.0	1.5	55 ( $f_t \pm 30.0$ )			
MD10C1747/1842F75FCA	Tx	1747.5	$f_0 \pm 37.5$	3.2	1.5	30 ( $f_r \pm 37.5$ )	29 x 7 x 5.0	DCS	
	Rx	1842.5	$f_0 \pm 37.5$	3.5	1.5	30 ( $f_t \pm 37.5$ )			
MD12C1747/1842F75HCA	Tx	1747.5	$f_0 \pm 37.5$	3.8	2.0	45 ( $f_r \pm 37.5$ )	40 x 7.5 x 6.0		
	Rx	1842.5	$f_0 \pm 37.5$	4.3	2.0	50 ( $f_t \pm 37.5$ )			

Note: Please consult VTC support for other frequencies and specifications that are not listed above.

### Method of Definition

**MD 9 C 1950/2140 F 60 H C A**

- MD : MD or MP mono duplexer
- 9 : Number of holes
- C : Notch type
- 1950 : Center frequency in MHz
- F : PCB mount type
- 60 : Bandwidth in MHz
- H : Dimensions
- C : Hole structure
- A : Versions

### Outline Drawing

