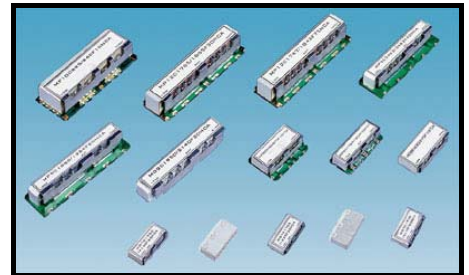


Features

- 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

MD & MP Series



Electronic Characteristics

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

