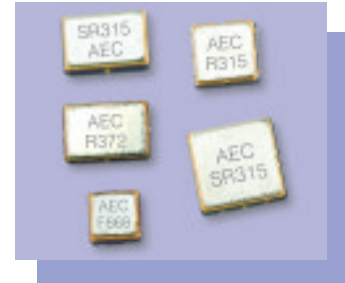


Features

- ★ Low Insertion loss
- ★ High load Q
- ★ Superior temperature stability
- ★ High frequency stability
- ★ Few peripheral components

Applications

- ★ Wireless remote-control
- ★ Satellite program receiver
- ★ RF modulator
- ★ Security system
- ★ Consumer electronics



Specifications (Characteristics)

Item	Unit	Specification
Frequency	MHz	260~980 see Table 1
Frequency Tolerance	KHz	±75 ±150 ±250
Insertion Loss	db	< 2.0
Quality Factor		> 12000 (Unloaded) > 2000 (50Ohm)
Cw RF power dissipation	dbm	+ 0
Max DC Voltage between any two pins	V	+/- 30
Storage Temp	°C	-45 To +85
Operating Temp	°C	-45 To +85
Turnover Temp	°C	35
Turnover frequency	KHz	Fc + 1.3 (One-Port)
Frequency Temperature Coefficient	ppm/°C ²	0.037
Frequency Aging Absolute Value During the First Year	ppm/yr	<= 10
DC Insulation Resistance between any two Pins	MΩ	1.0
Package		F11SM, QCC4A, QCC8C, QCC8B, DCC6

Part Number

Part no.	Centre Frequency (MHz)	Part no.	Centre Frequency (MHz)
SRM 260	260	SRM 407.3	407.3
SRM 300	300	SRM 418	418
SRM 303.825	303.825	SRM 420	420
SRM 303.875	303.875	SRM 441	441
SRM 304.3	304.3	SRM 423.22	423.22
SRM 310	310	SRM 430.5	430.5
SRM 311	311	SRM 430.65	430.65
SRM 314.5	314.5	SRM 433.42	433.42
SRM 315	315	SRM 433.92	433.92
SRM 316.8	316.8	SRM 435.72	435.72
SRM 318	318	SRM 479.5	479.5
SRM 330	330	SRM 674	674
SRM 340	340	SRM 790	790
SRM 345	345	SRM 852	852
SRM 350	350	SRM 902.3	902.3
SRM 351	351	SRM 907	907
SRM 360	360	SRM 912	912
SRM 390	390	SRM 915	915
SRM 395	395	SRM 916.5	916.5
SRM 395.5	395.5	SRM 925	925
SRM 403.55	403.55	SRM 980	980

Ordering Code

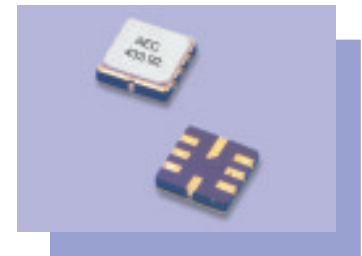
Ordering Code	Part Number + Frequency Tolerance + Package
Example	SRM433.92 - 75 - QCC8C

Features

- ★ Low Insertion loss
- ★ High load Q
- ★ Superior temperature stability
- ★ High frequency stability
- ★ Few peripheral components

Applications

- ★ Wireless remote-control
- ★ Satellite program receiver
- ★ RF modulator
- ★ Security system
- ★ Consumer electronics



Specifications (Characteristics)

Item	Unit	Specification
Frequency	MHz	300~1030 (Phase Shift 180°) 669.5 800 915 (Phase Shift 0°) see table 1
Frequency Tolerance	KHz	±75 ±150 ±250
Insertion Loss	db	< 6.0
Quality Factor		> 13000 (Unloaded) > 6000 (50Ohm)
Cw RF power dissipation	dbm	+ 0
Max DC Voltage between any two pins	V	+/- 30
Operating Temp	°C	-10 To + 60
Storage Temp	°C	- 45 To + 85
Turnover Temp	°C	35
Turnover frequency	KHz	Fc + 21
Frequency Temperature Coefficient	ppm/°C ²	0.037
Frequency Aging Absolute Value During the First year	ppm/yr	<=10
DC Insulation Resistance between any two pins	MΩ	1.0
Package	MΩ	F11SM, QCC8C

Part Number

Phase Shift : 180°			
Part no.	Centre Frequency (MHz)	Part no.	Centre Frequency (MHz)
SRTM 300	300	SRTM 852	852
SRTM 384.05	384.05	SRTM 868	868
SRTM 387	387	SRTM 902.3	902.3
SRTM 403.55	403.55	SRTM 907	907
SRTM 418	418	SRTM 912	912
SRTM 423.22	423.22	SRTM 915	915
SRTM 433.92	433.92	SRTM 916.5	916.5
SRTM 674	674	SRTM 925	925
SRTM 790	790	SRTM1030	
SRTM 824.25	824.25		
Phase Shift : 0°			
Part no.		Centre Frequency (MHz)	
SRTM 669.5		669.5	
SRTM 800		800	
SRTM 915		915	

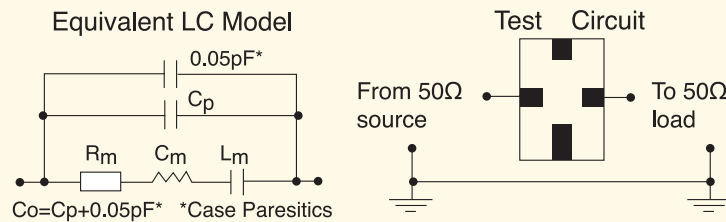
Ordering Code

Ordering Code	Part Number + Frequency Tolerance + Package
Example	SRTM418 - 75 - QCC8C

Dimension (Unit : mm)

QCC8B	QCC8C	QCC4A
DCC6	DCC6C	F-11-SMD

LC model and Test Circuit (Typical example for one port package QCC4A)



LC model and Test Circuit (Typical example for one port package QCC4A)

