

- Low-loss RF filter for mobile telephone Cellular / WCDMA Band V systems.
- Revision 0: July 2018

Electrical Characteristics

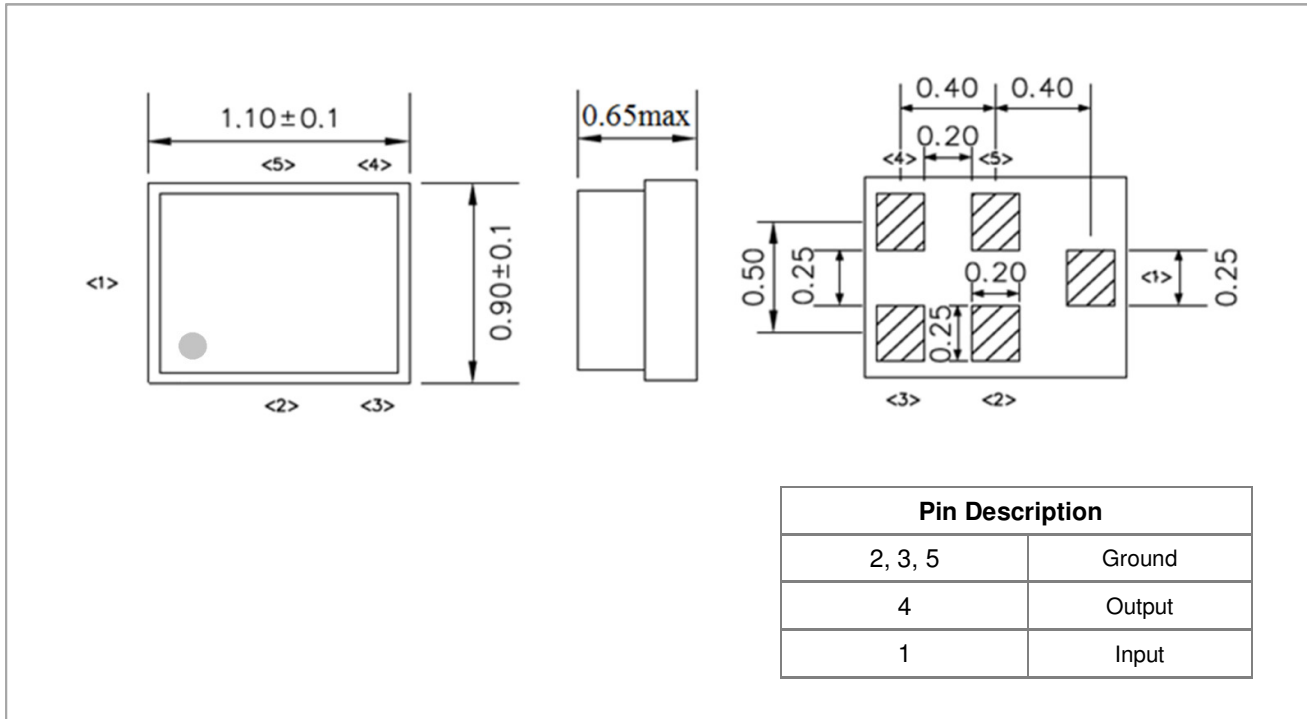
MAXIMUM RATING				
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-20	-	+80
Storage Temperature Range	°C	-40	-	+85
DC Voltage @25 °C	V	-	-	5
Working Power (2000 hours)	dBm	-	-	15
ESD(MM) voltage	V _{DC}	-	-	50
ESD(HBM) voltage	V _{DC}	-	-	175
Source Impedance (unbalanced) ⁽¹⁾	Ω	-	50	-
Load Impedance (unbalanced) ⁽¹⁾	Ω	-	50	-
Package type & size	C			
Length x Width	mm ²	-	1.1 x 0.9	-
Height	mm	-	-	0.65

ELECTRICAL SPECIFICATION				
Parameters Description	Unit	Minimum	Typical	Maximum
Insertion Loss within 869.0 ~ 894.0 MHz	dB	-	1.7	1.9
Pass band Ripple within 869.0 ~ 894.0 MHz	dB	-	0.4	1.0
Absolute Attenuation:				
45 MHz	dB	50	60	-
779.0 ~ 804.0 MHz	dB	46	55	-
824.0 ~ 849.0 MHz	dB	42	47	-
846.5 ~ 854.0 MHz	dB	35	45	-
1693.0 ~ 1743.0 MHz	dB	38	45	-
1738.0 ~ 1788.0 MHz	dB	38	45	-
2400.0 ~ 2500.0 MHz	dB	35	40	-
2607.0 ~ 2682.0 MHz	dB	33	40	-
3476.0 ~ 3576.0 MHz	dB	30	35	-
4345.0 ~ 4470.0 MHz	dB	30	35	-
5214.0 ~ 5364.0 MHz	dB	30	35	-
5725.0 ~ 5875.0 MHz	dB	30	35	-
6083.0 ~ 6258.0 MHz	dB	30	35	-
6952.0 ~ 7152.0 MHz	dB	30	35	-

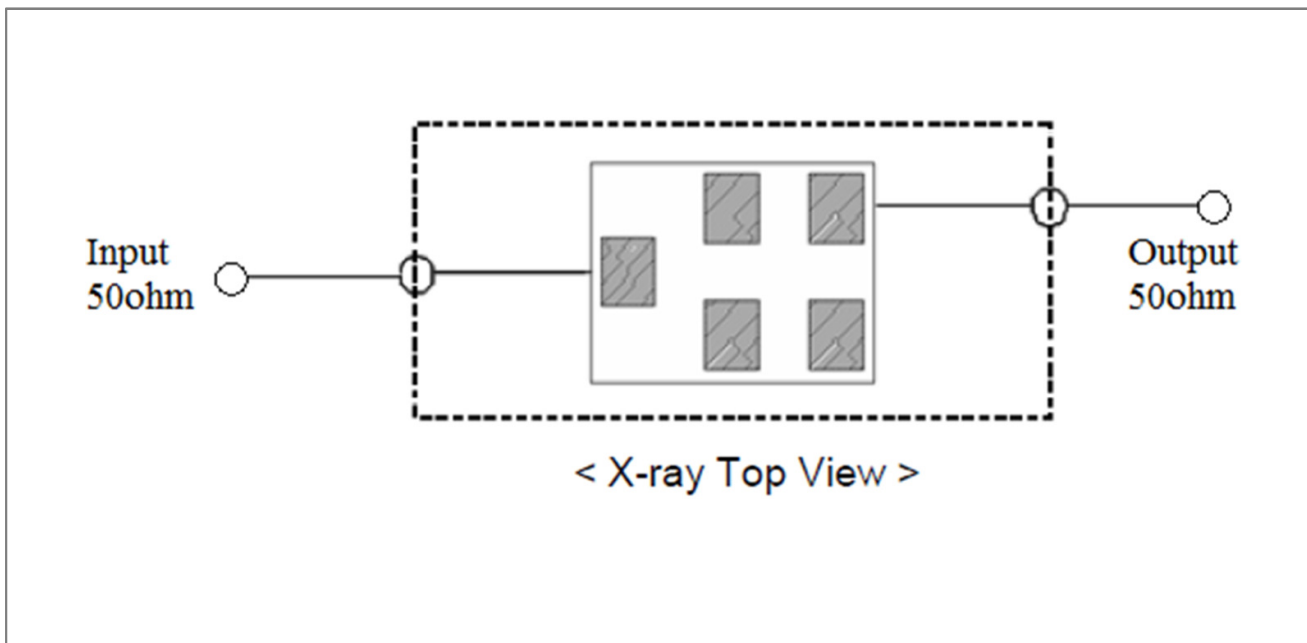
7821.0 ~ 8046.0 MHz	dB	30	35	-
VSWR within 869.0 ~ 894.0 MHz	-	-	1.5	-

Notes : (1) With Matching Network (Ref. Testing Environment Circuit as shown below).

Package Dimensions



Testing Environment



Frequency Characteristics

