

- Low-loss RF filter for mobile telephone WCDMA Band V systems and GSM 850 systems, receive path (RX).
- Revision 0: July. 2018

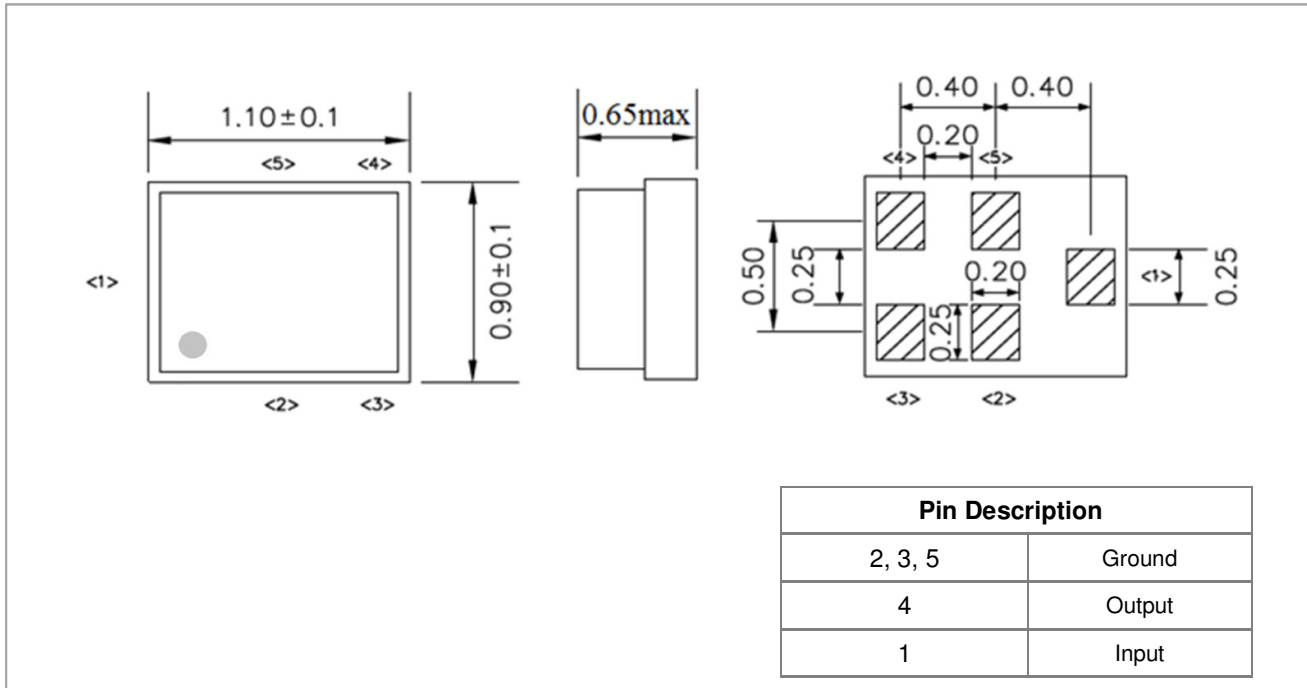
Electrical Characteristics

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 (balanced) ⁽¹⁾	Ω	-	150 or 100	-
Package type & size	C			
Length x Width	mm ²	-	1.1 x 0.9	-
Height	mm	-	-	0.65

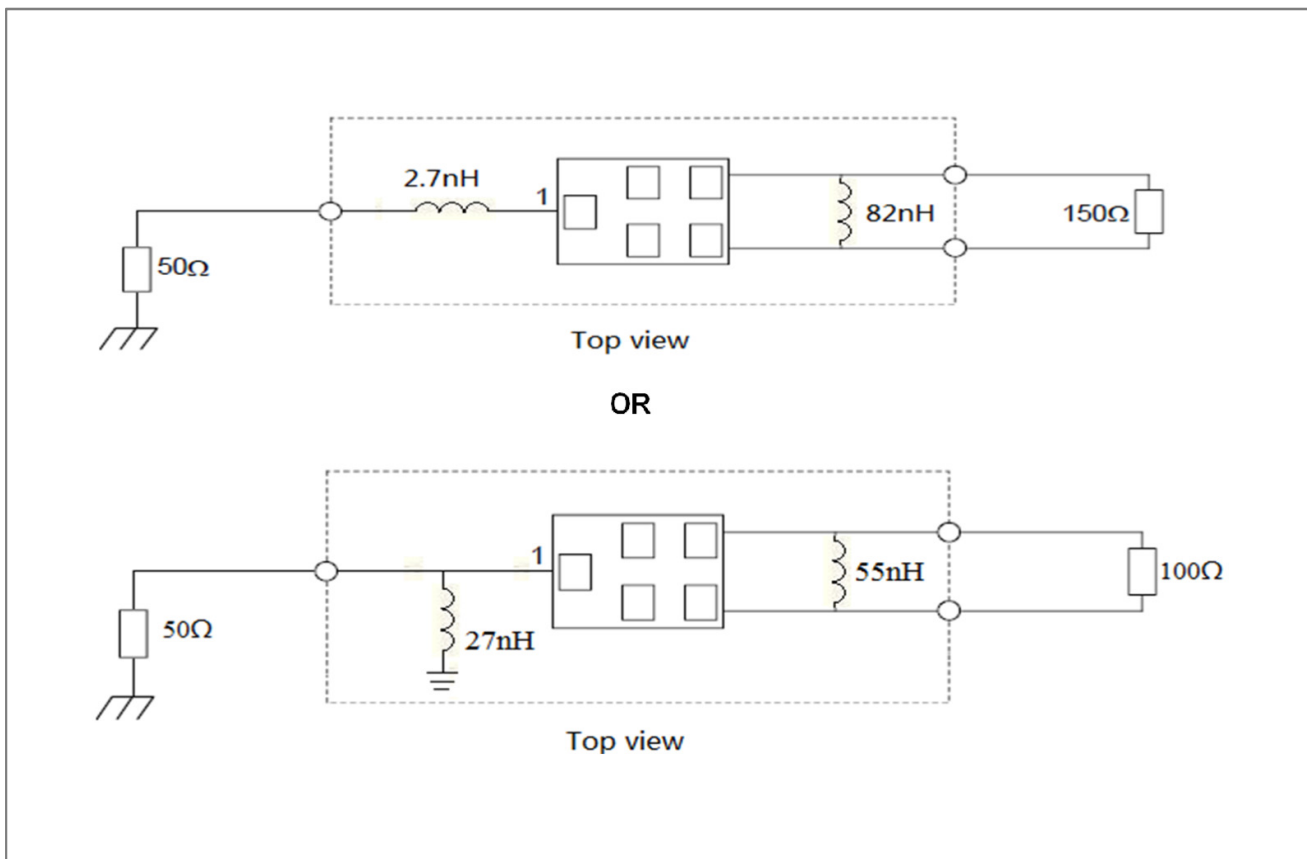
ELECTRICAL SPECIFICATION				
Parameters Description	Unit	Minimum	Typical	Maximum
Insertion Loss within 869.0 ~ 894.0 MHz	dB	-	1.8	2.3
Pass band Ripple within 869.0 ~ 894.0 MHz	dB	-	0.4	1.0
VSWR(Ant. Port) within 869.0 ~ 894.0 MHz	-	-	1.5	1.8
VSWR(Rx Port) within 869.0 ~ 894.0 MHz	-	-	1.5	1.8
Amplitude balance within 869.0 ~ 894.0 MHz	dB	-1.0	-0.2	1.0
Phase balance within 869.0 ~ 894.0 MHz	°	175	182	185
Absolute Attenuation:				
0.1 ~ 824.0 MHz	dB	55	70	-
824.0 ~ 849.0 MHz	dB	48	55	-
1738.0 ~ 1788.0 MHz	dB	50	60	-
1850.0 ~ 1910.0 MHz	dB	50	60	-
1920.0 ~ 1980.0 MHz	dB	50	60	-
2400.0 ~ 2484.0 MHz	dB	50	55	-
3296.0 ~ 3396.0 MHz	dB	46	53	-
3396.0 ~ 6000.0 MHz	dB	30	42	-

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

Package Dimensions



Testing Environment



Frequency Characteristics

