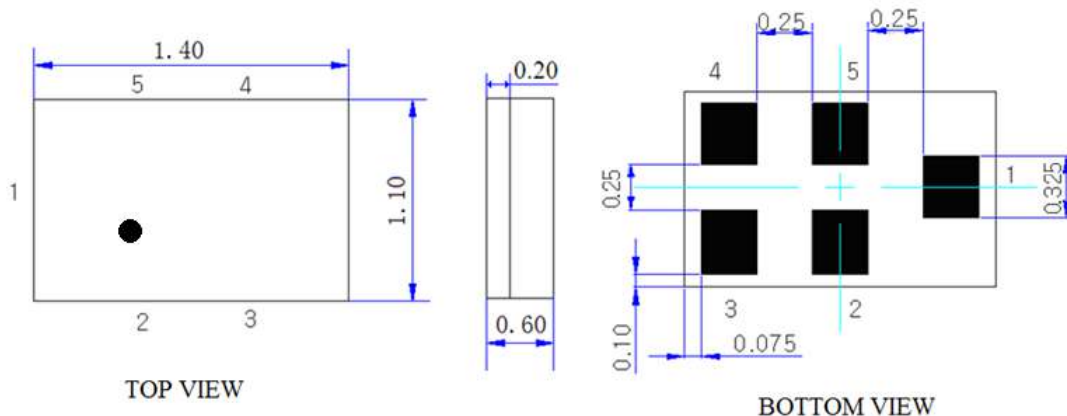


- ❖ RF Filter for LTE Band 20 and Band 28 Systems, receive Path
- ❖ Impedance 50  $\Omega$  Input and Output
- ❖ Unbalanced to Unbalanced Operation

### Electrical Specification

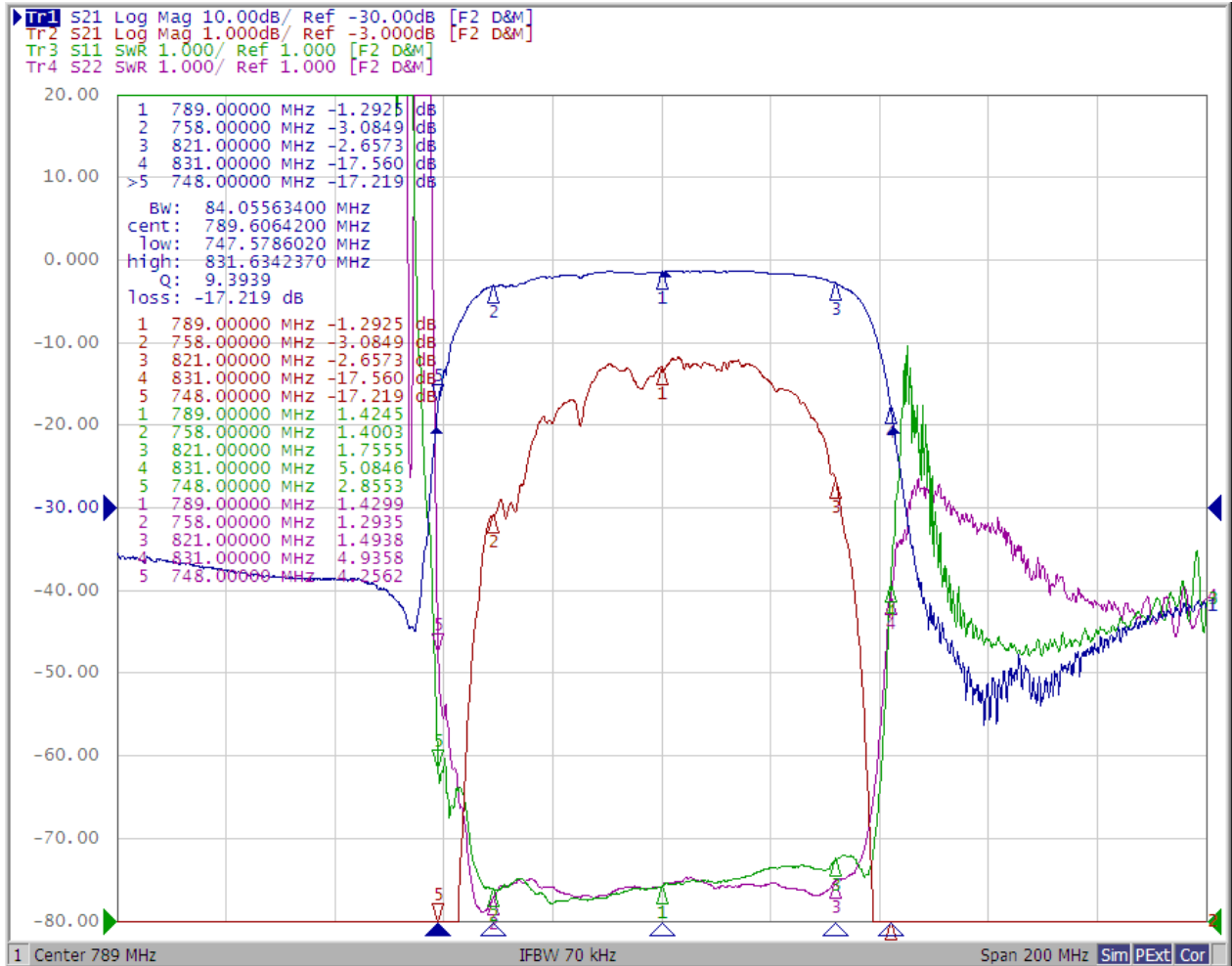
Parameters		Value	Unit
Insertion Loss, typ/max	791 MHz ~ 821 MHz	2.6 / 3.2	dB
	758 MHz ~ 803 MHz	3.0 / 3.5	dB
VSWR, typ/max	758 MHz ~ 821 MHz	1.7 / 2.0	-
Amplitude Ripple, typ/max	791 MHz ~ 821 MHz	1.3 / 2.0	dB
	758 MHz ~ 803 MHz	1.7 / 2.2	
Attenuation, min/typ	10 MHz ~ 700 MHz	-30 / -35	dB
	703 MHz ~ 748 MHz	-15 / -18	dB
	832 MHz ~ 862 MHz	-15 / -18	dB
	880 MHz ~ 915 MHz	-37 / -40	dB
	1710 MHz ~ 1785 MHz	-34 / -38	dB
	2400 MHz ~ 2500 MHz	-30 / -40	dB
	2500 MHz ~ 6000 MHz	-20 / -35	dB
Input Power, max	@ CW, 2000h	15	dBm
DC Voltage		5	V
ESD voltage Sensitive discharge device	ESD(MM)	50	VDC
	ESD(HBM)	175	VDC
Operating Temperature Range		-30 to +85	$^{\circ}$ C
Storage Temperature Range		-40 to +85	$^{\circ}$ C

### Dimension

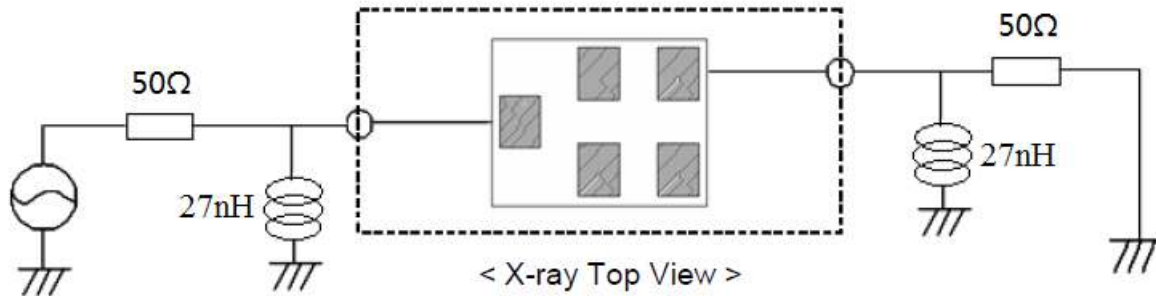


PIN #	PIN NAME	DESCRIPTION
1	IN	Input
4	OUT	Output
2,3,5	GND	Ground

### Frequency Characteristics



### Test Circuit

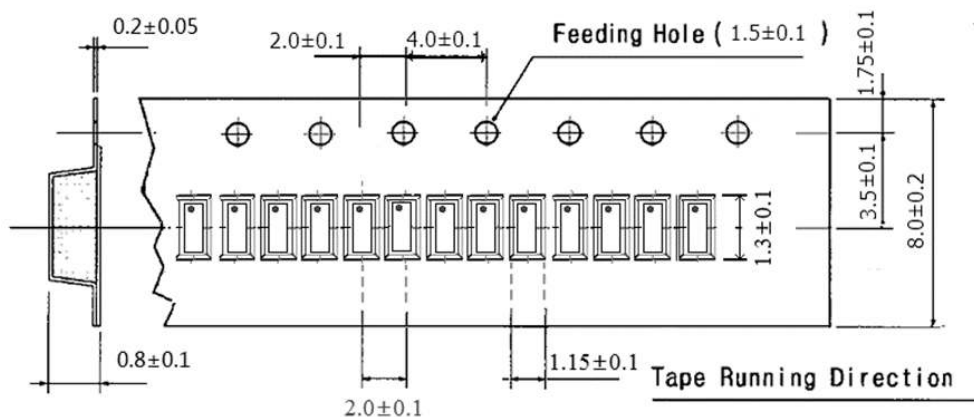


### Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
REACH – SVHC	Compliant
RoHS	Compliant
PACKAGING	TAPE & REEL



### Tape Dimension



### APPROVAL

DRAWN BY	AR, August 19, 2021
APPROVED BY	CP, August 19, 2021
REVISION	A, Initial Release

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