

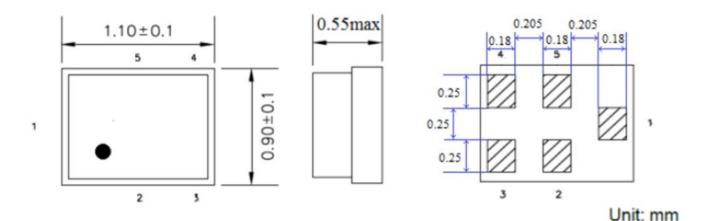
## BAND 20 RF SAW FILTER RSF-806.000-30000-1109-TR-NS1

- Low-Loss RF Filter for Mobile Phone Band 20 Systems
- ✤ Useable Pass Band 30 MHz
- Unbalanced to Unbalanced Operation

### **Electrical Specification**

Parameters		Value	Unit
Center Frequency (Fo)		806.000	MHz
Insertion Loss (791 ~ 821 MHz), typ/max		2.0 / 3.0	dB
VSWR (791 ~ 821 MHz), typ/max		1.6 / 2.0	-
Amplitude Ripple (791 ~ 821 MHz), typ/max		1.0 / 2.2	dB
Attenuation, min/typ	10 MHz ~ 770 MHz	-45 / -55	dB
	832 MHz ~ 862 MHz	-25 / -36	dB
	880 MHz ~ 915 MHz	-50 / -60	dB
	1710 MHz ~ 1785 MHz	-40 / -49	dB
	2400 MHz ~ 2500 MHz	-36 / -45	dB
	2500 MHz ~ 2570 MHz	-36 / -45	dB
	4900 MHz ~ 5950 MHz	-36 / -48	dB
Input Power, max, 2000h		15	dBm
DC Voltage		5	V
Input and Output Impedance		50	Ω
Operating temperature range		-30 to +85	°C
Storage Temperature		-40 to +85	°C

#### **Dimension**



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

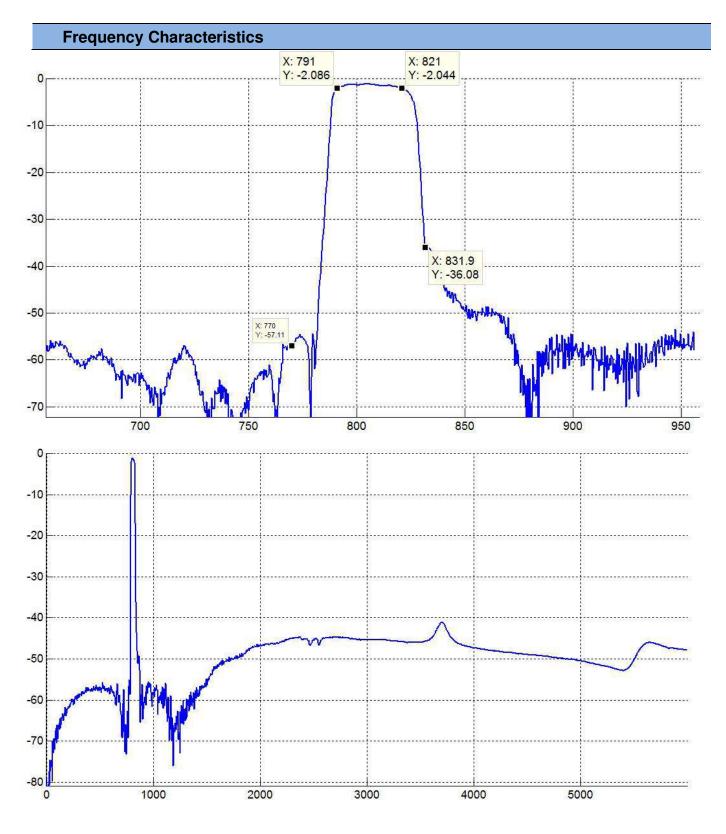
RALTRON ELECTRONICS = 10400 N.W. 33<sup>rd</sup> Street = Miami, Florida 33172 = U.S.A. Tel: +1-305-593-6033 = Fax: +1-305-594-3973 = e-mail: sales@raltron.com = internet: http://www.raltron.com

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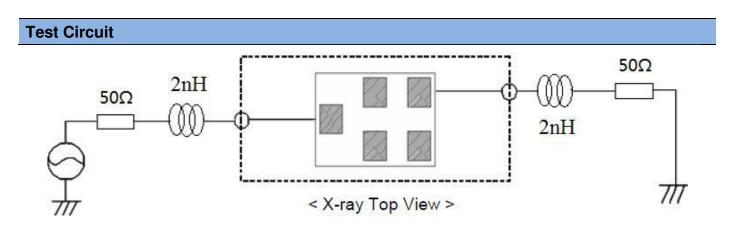


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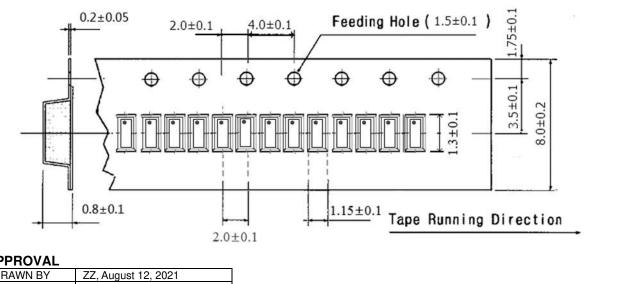


#### **Environmental**

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	2
REACH – SVHC	Compliant
RoHS	Compliant
PACKAGING	Tape & Reel



### **Tape Dimension**



APPROVAL

DRAWN BY	ZZ, August 12, 2021
APPROVED BY	AR, August 12, 2021
REVISION	A, Initial Release

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