

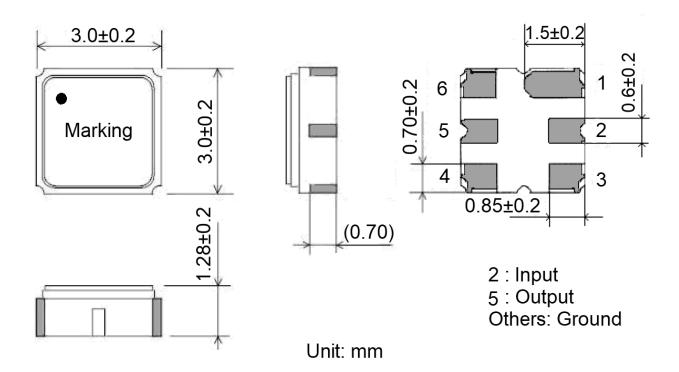
# RSFA-2332.500-25000-3030-TR

### **AUTOMOTIVE GRADE**

# **Electrical Specifications**

Specification		Value	Unit
Center Frequency (Fo)		2332.500	MHz
Insertion Loss, typ/max	@ 2320.000 ~ 2345.000 MHz	0.5 / 0.65	dB
Amplitude Ripple, typ/max	@ 2320.000 ~ 2345.000 MHz	0.05 / 0.25	dB
VSWR, typ/max	@ 2320.000 ~ 2345.000 MHz	0.05 / 0.25	dB
Attenuation, min/typ	@ 698.000 ~ 894.000 MHz	-9 / -10	dB
	@ 1710.000 ~ 1750.000 MHz	-9.5 / -10.5	dB
	@ 1850.000 ~ 1990.000 MHz	-10.5 / -11	dB
	@ 2400.000 ~ 2484.000 MHz	-8 / -11	dB
	@ 2496.000 ~ 2690.000 MHz	-12.5 / -13.5	dB
	@ 3400.000 ~ 3500.000 MHz	-15 / -20	dB
Impedance		50	Ω
DC Voltage, max		6	V
Input Power, max		18	dBm
Operation Temperature Range		-45 ~ +125	°C
Storage Temperature Range		-45 ~ +125	°C

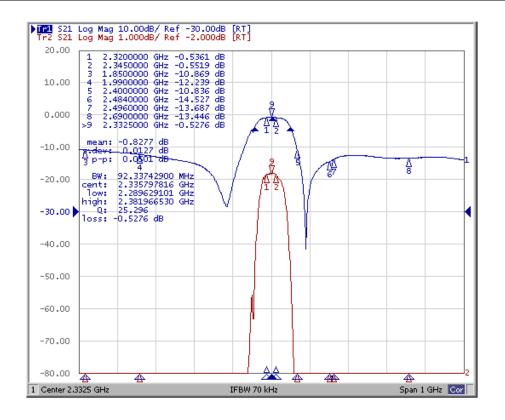
## **Dimension**



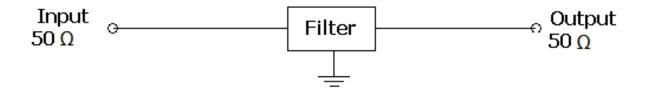


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### **Frequency Characteristics**



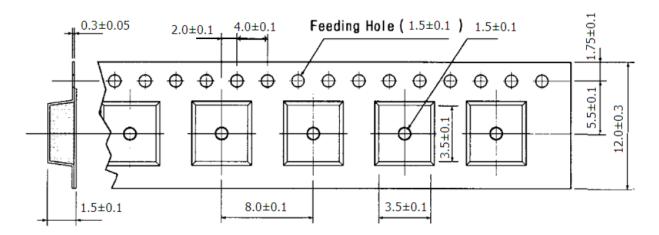
### **Test Circuit**





# RSFA-2332.500-25000-3030-TR

### **Tape Dimension**



Tape Running Direction

#### **Environmental**

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS	Compliant

#### NOTICE

This product is rated for an industrial application. If you intend to use our product referenced above for applications that may result in loss of life or assets, i.e., controls relating to safety, automotive, aeronautical equipment, space equipment or medical equipment, etc. please do not fail to advise us of your intention beforehand. The use of the listed part in those applications is not covered by warranty, and we will not be held accountable for any liability claims. We reserve the right to not supply parts in those circumstances.

#### APPROVAL

DRAWN BY	AR, January 20, 2021
APPROVED BY	CP, January 20, 2021
REVISION	A, Initial Release



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