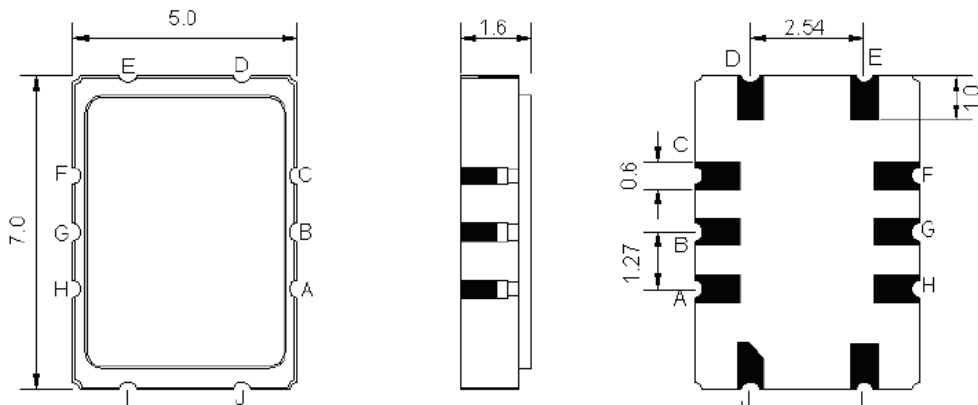


**RSF-138.240-20000-7050-TR**

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Items		Specification	Unit
Center frequency(Fo)		138.240	MHz
Insertion Loss at Fo, typ/max		9.6 / 11.5	dB
Passband Ripple Variation (128.24~148.24MHz), typ/max		0.3 / 1.0	dB <sub>P-P</sub>
Group Delay Variation (128.24~148.24MHz), typ/max		25 / 50	ns
Absolute Delay at Fo, typ		0.72	μs
Bandwidth at -1.0dB, typ		22.4	MHz
Bandwidth at -3.0dB, typ		23.7	MHz
Bandwidth at -40.0dB, typ		30.0	MHz
Relative Attenuation min/typ	0 ~ 108.24 MHz	-54 / -58	dB
	108.24 MHz ~ 117.52 MHz	-50 / -53	dB
	122.88 MHz	-45 / -53	dB
	220.4 MHz ~ 271.12 MHz	-58 / -75	dB
	271.12 MHz ~ 1000 MHz	-40 / -60	dB
Temperature Coefficient, typ		-86	ppm/°C
Source Impedance (single ended)		50	Ω
Load Impedance (single ended)		50	Ω
Input power, max		10	dBm
DC Voltage, max		10	V
Operating Temperature Range		-40°C to +85°C	
Storage Temperature		-40°C to +85°C	

**Dimension**



Pin Description	
A,B,C,F,G,H	Ground
I	Input
J	Ground
D	Output
E	Ground