

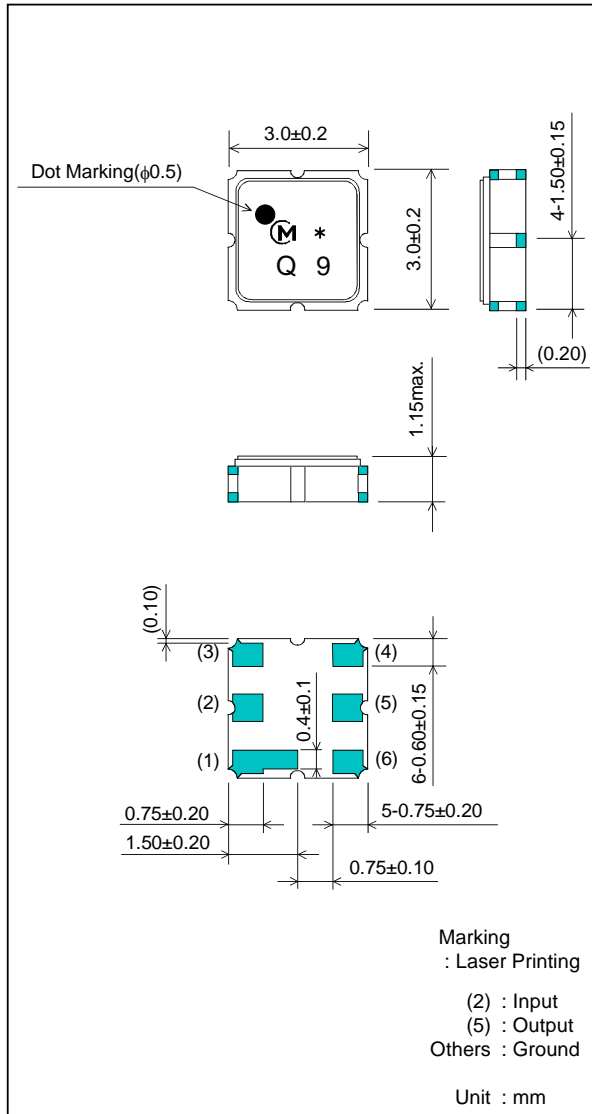
SAW FILTER FOR RKE

Murata part number :SAFDC312MSM0T00

Features

- Lead free component (RoHs compliant).
- Passivation layer :SiO₂
- AEC-Q200 Compliant

Package Dimensions



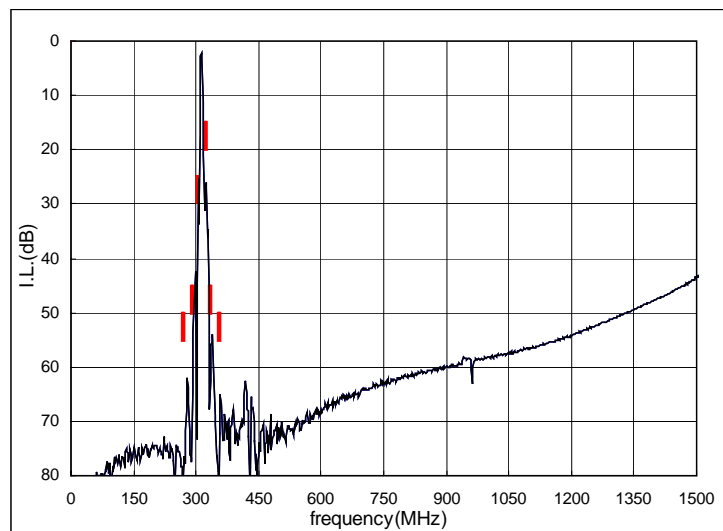
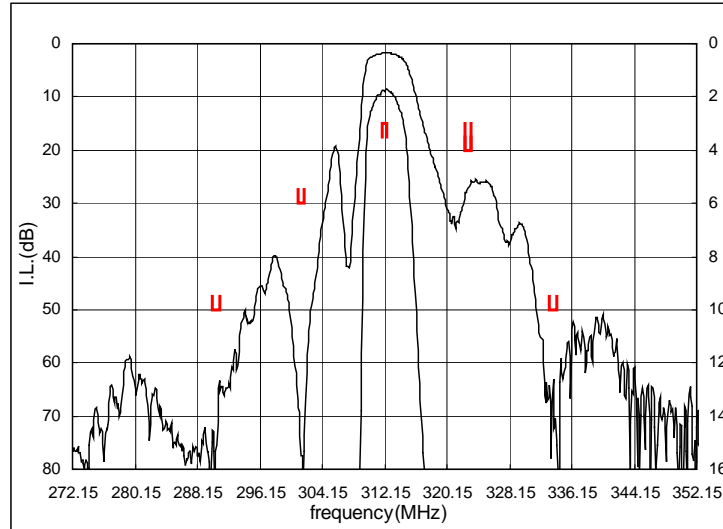
Specification

Item	Specification
	-40 to +85° C
Nominal Center Frequency(f_c)	312.15 MHz
Insertion Loss (311.8 to 312.5 MHz)	3.0 dB max.
Absolute Attenuation	
1) 268.4 to 269.7 MHz	55 dB min.
2) 290.1 to 291.1 MHz	50 dB min.
3) 301.1 to 301.8 MHz	30 dB min.
4) 322.5 to 323.2 MHz	20 dB min.
5) 333.2 to 334.2 MHz	50 dB min.
6) 354.6 to 355.9 MHz	55 dB min.
Ripple Deviation (311.8 to 312.5 MHz)	1.5 dB max.
VSWR (311.8 to 312.5 MHz)	1.8 max.
Input/Output Impedance (nominal)	50Ω
Input Signal Level	30mW (+14.8dBm), 1 minute 20mW (+13dBm), 1000 hours

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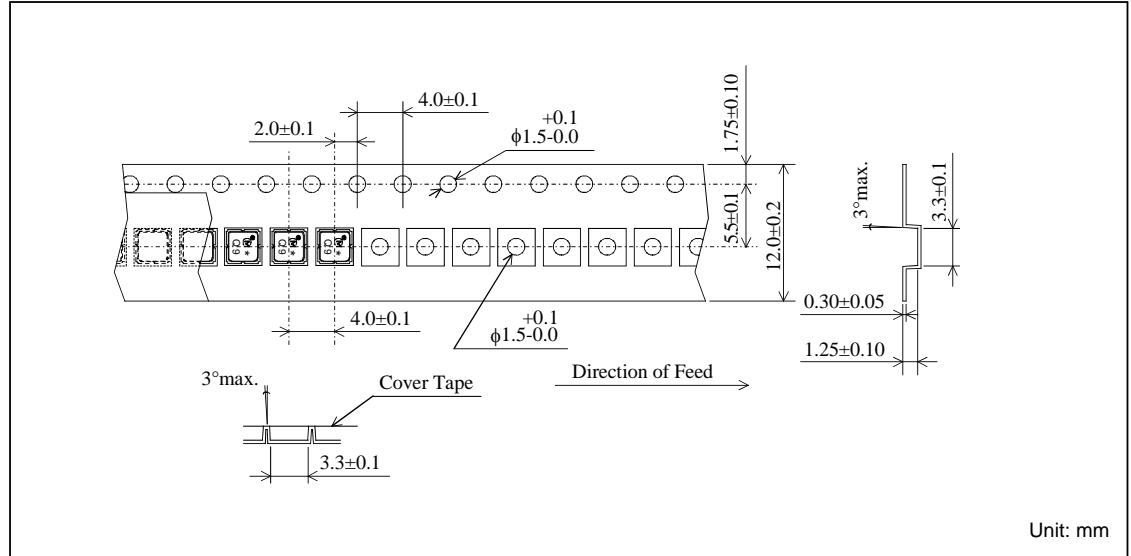
■ Frequency Performance Typical data at 25 +/-2degree



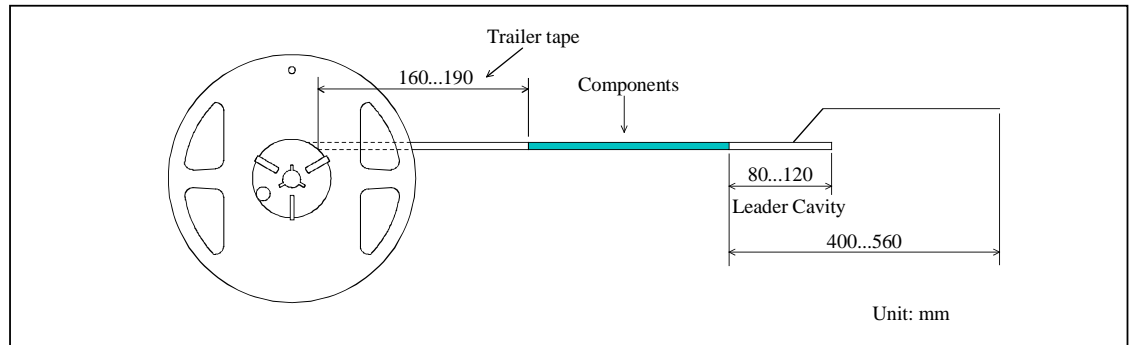
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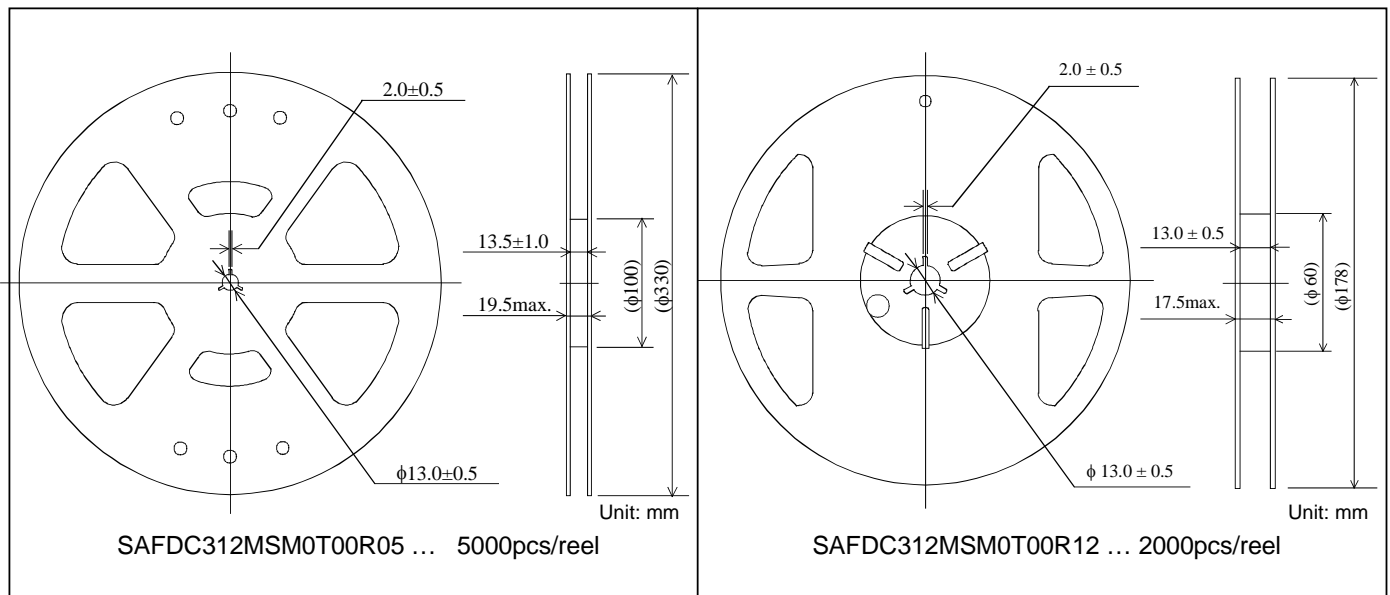
■ Dimensions of Carrier Tape



■ Dimensions of Tape



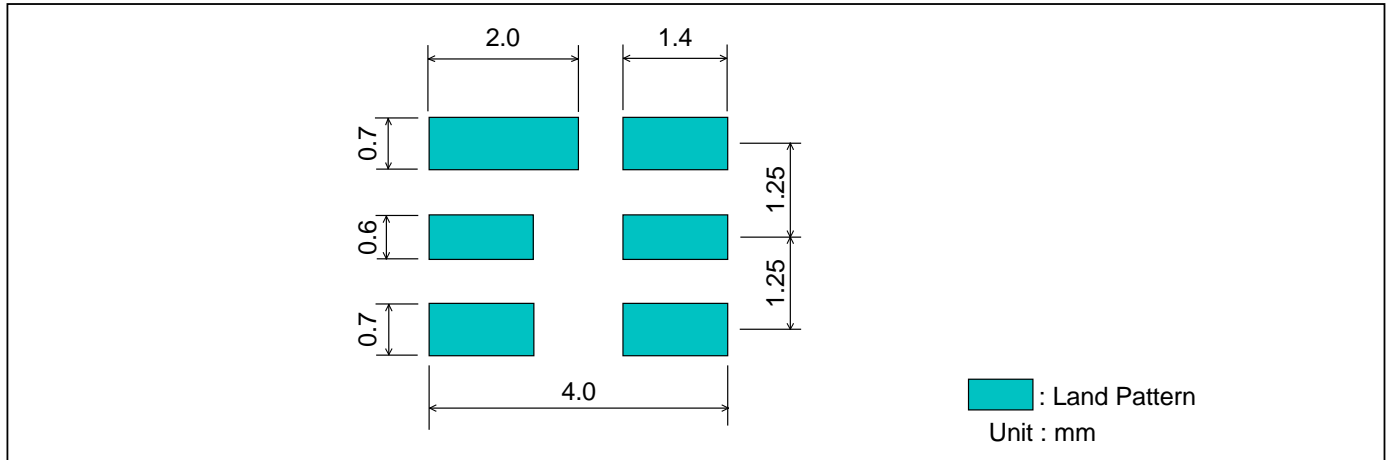
■ Dimensions of Reel



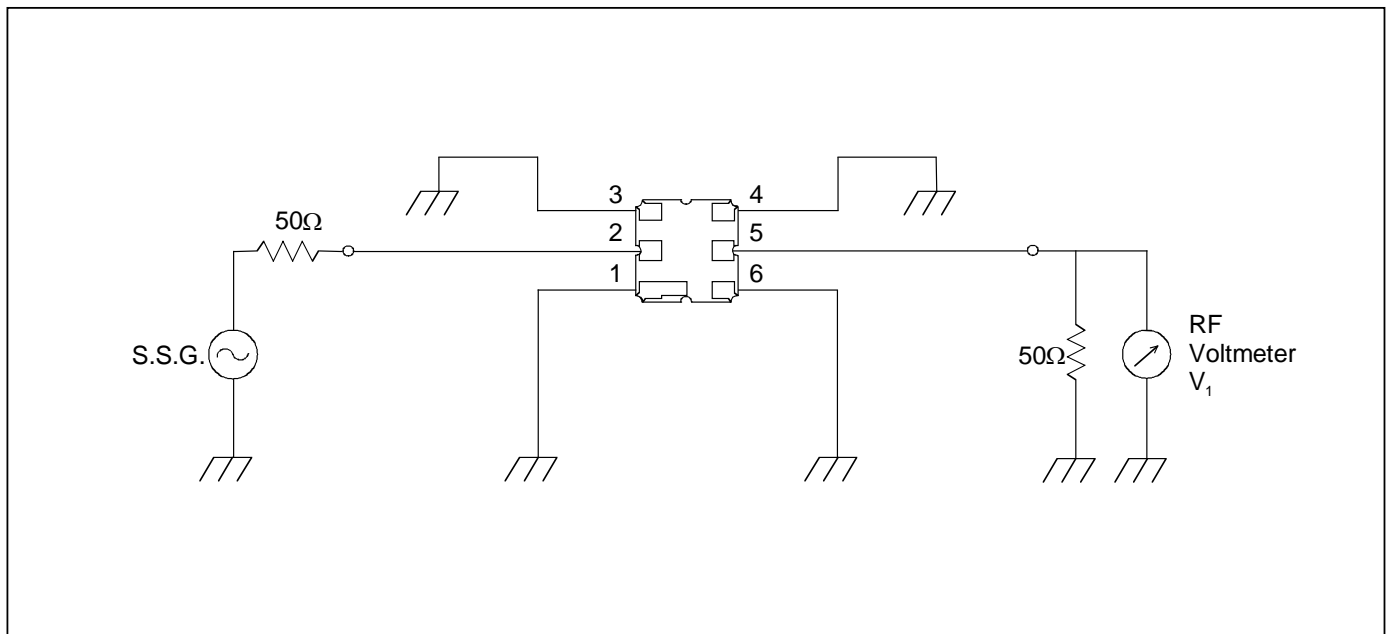
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Recommended Land Pattern



Test Circuit



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