

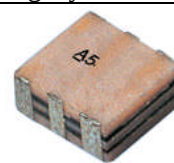
Ceramic Filter

CF 3431B

Features

◆RoHS Compliant

◆Ceramic SMD type



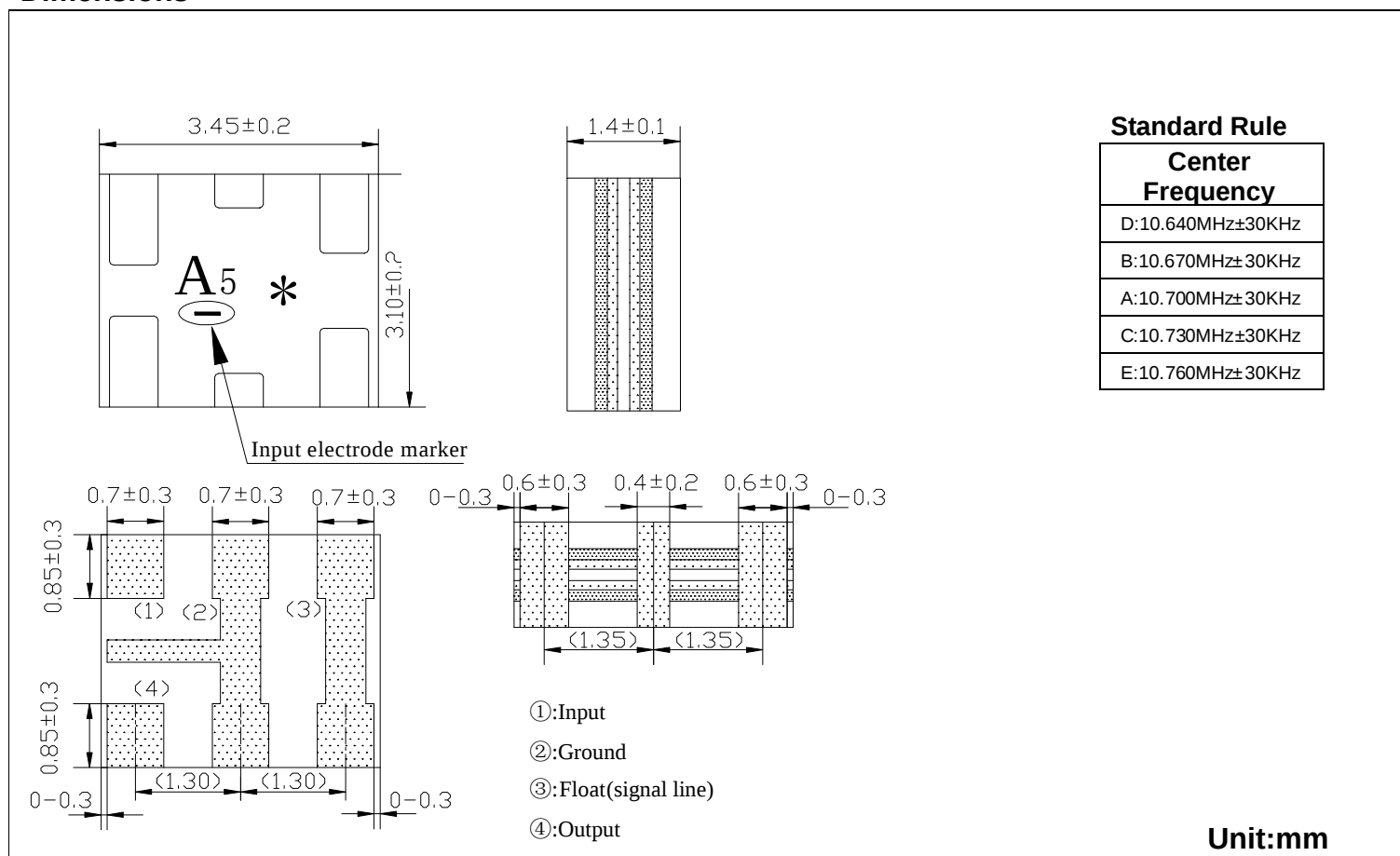
Electrical Specifications

Item	Specifications
Center Frequency Range	10.7MHz
Withstanding Voltage (V)	50 (DC, 1min)
Insulation Resistance Ri, (MΩ) min.	100 (10V, 1min)
Operating Temperature Range (°C)	-25~+85
Storage Temperature Range (°C)	-40~+90

Electronic Characteristics

P/N	3dB Band Width (KHz)	20dB Band Width (KHz) Max	Insertion Loss (dB)	Spurious Attenuation(9~12 MHz)(dB) Min	I/O Impedance(Ω)	Notes
CF33B10.7MS3	180±40	470	4.5±2.0	30	330	
CF33B10.7MS2	230±50	510	3.5±2.0	30	330	
CF33B10.7MA5	280±50	590	3.0±2.0	30	330	
CF33B10.7MA20	330±50	700	3.0±2.0	30	330	

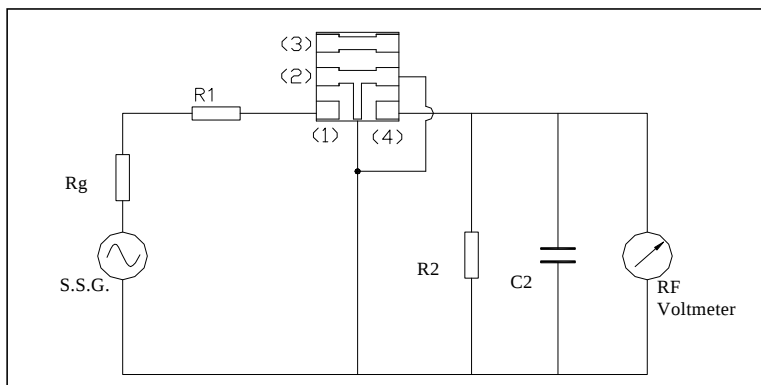
Dimensions



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Test Circuit



$R1=280\ \Omega \pm 5\%$, $R2=330\ \Omega \pm 5\%$, $Rg=50\ \Omega$

$C2=10\ \text{Pf}$ (Including stray capacitance and capacitance of RF Voltmeter)

S.S.G.: Output Voltmeter

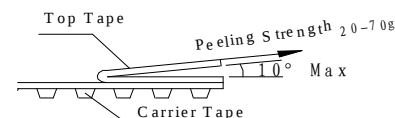
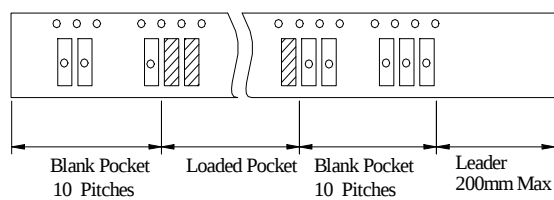
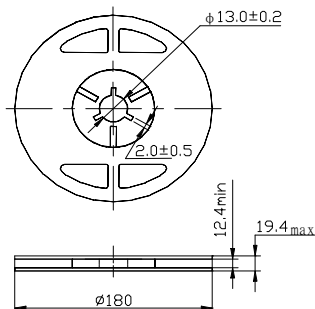
①: Input

②: Ground

③: Float (signal line)

④: Output

Taping Specification



1000pcs/Reel

Reflow Soldering Profile

