- ***Surface Acoustic Wave Resonator Filter***
- ***Low-Loss, Coupled-Resonator Quartz Design***
- ***Simple External Impedance Matching***
- ***F-915 Metal Thru-Hole Package***

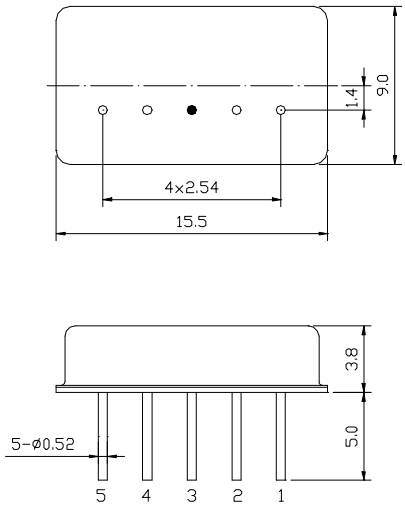
SF90

Absolute Maximum Rating (Ta=25°C)		
Parameter	Rating	Unit
CW RF Power Dissipation	+ 0	dBm
Operating Temperature Range	-10 ~ +65	°C
Storage Temperature Range	-35 ~ +85	°C

Specifications						
Parameter		Sym	Minimum	Typical	Maximum	Unit
Frequency (25°C)	Nominal Frequency	fc	NS	90.00	NS	MHz
Insertion Loss		IL	-	3.35	5.0	dB
3dB Bandwidth		BW3	Fo ± 15	58.41	-	KHz
Stopband Attenuation	Fc ± 60 KHz	-	15	21.30	-	dB
	Fc ± 120 KHz	-	40	45.50	-	dB
	Fc -930 ~ -890KHz	-	65	73.65	-	dB
	Fc –4,020 ~ -3,980 KHz	-	70	82.676	-	dB
Passband Ripple	Fc ± 15 KHz	-	-	0.0	1.0	dB
DC Insulation Resistance Between any Two Pins		-	1.0	-	-	MΩ
Group Delay Deviation	Fo ± 10 KHz	-	-	1.90	10	μsec
Load Impedance		-	682//-2.12			Ω//pF

NS = Not Specified

Package Outline (F-915)



Pin Configuration

1	Input/Output
2	Ground
3	Ground
4	Ground
5	Output/Input

Unit: mm

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