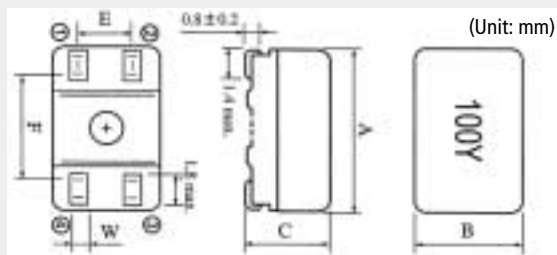
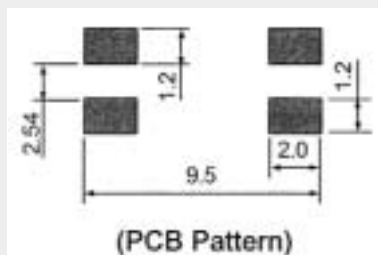


EXTERNAL DIMENSIONS



Features

Storage Temperature Range : - 25°C to +85°C

Operating Temperature Range : - 20°C to +80°C

Temp, rise : 45°C max. at rated current

Resistance to solder heat: 260°C, 10 secs.

Recommended soldering conditions : reflow solderings suitable for lead free soldering

Dimension and Solder Land Information

Type	A	B	C	E	F	W
SF0905	9.2±0.3	6.0±0.3	5.0±0.2	2.54±0.2	5.7	1.0±0.1

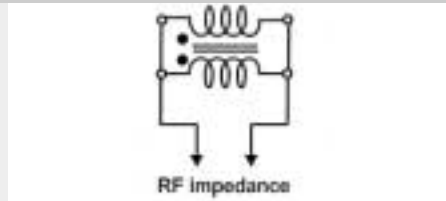
Specifications

Part Number	Inductance L1, L2 (μH)	Test Condition	DC Resistance N1, N2 (Ω)	Nominal Voltage Vac (V)	Rated Current (A)	Impedance (Ω)	Freq. Range (MHz)
SF0905-100YS	10±30%	0.1V,1KHz	0.08 max.	50	1.60	200 min.	20~300
SF0905-250YS	25±30%	0.1V,1KHz	0.16 max.	50	1.00	600 min.	20~150
SF0905-400YS	40±30%	0.1V,1KHz	0.25 max.	50	0.90	800 min.	20~100
SF0905-500YS	50±30%	0.1V,1KHz	0.32 max.	50	0.80	1500 min.	20~100
SF0905-251YS	250±50%	5mV,1KHz	0.13 max.	50	1.20	600 min.	3~20
SF0905-471YS	470 ±50%	5rnV,1KHz	0.14 max.	50	1.10	1000 min.	2~20
SF0905-501YS	500±50%	5mV,1KHz	0.15 max.	50	1.00	1000 min.	1~20
SF0905-102YS	1000 ±50%	5mV,1KHz	0.31 max.	50	0.80	1500 min.	1~15
SF0905-202YS	2000±50%	5mV,1KHz	0.42 max.	50	0.60	3000 min.	1~5
SF0905-472YS	4700±50%	5mV,1KHz	0.90 max.	50	0.40	4000 min.	0.3~.3
SF0905-652YS	6500±50%	5mV,1KHz	1.05 max.	50	0.30	5000 min.	0.3~2

1). HI-POT test (N1-N2): 500Vac/60Hz, 3mA, Ssecs.

2). Test equipment: Inductance 100Y-500Y (HP4274A) ; 251Y-652Y (HP4194A)
Impedance 100Y-202Y (HP4291A) ; 472Y-652Y (HP4194A)

Measuring Circuit



Impedance-Frequency Characteristics

