



Model	S49S / S49SS / S49S+	AGX7050	AGX6035	AGX5032	AGX4025	AGX3025	AGX2520	AGX2016
Frequency Range MHz (Fundamental)	3.2~30	8~40	10~50	12~40	12~40	16~40	10~50	24~40
Frequency Range MHz (3 rd Overtone)	27~80	30~90	40~100	40~90	16~50	20~50	40~100	30~80
Frequency Tolerance	AT-cut: ± 30 ppm at 25°C							
Frequency Stability	AT-cut: ± 30 ppm over -10 ~ +60°C							
Shunt Capacitance (C ₀)	7pF Max.							
Load Capacitance (C _L)	8 pF ~ 32 pF for Series							8pF or 16pF
Drive Level	10 mW							
Operating Temperature Range	-10 ~ +60°C							
Storage Temperature Range	-40 ~ +85°C							
Aging	Less than ± 3 ppm / year. (At 25 ± 5 °C)							

Euqivalent Series Resistance (ESR)

Model	Freq. MHz	Oscillation Mode	ESR Max.	Model	Freq. MHz	Oscillation Mode	ESR Max.
S49S S49SS S49S+	2.200~3.999	Fundamental	150 Ω	AGX6035	40.000~67.000	3 rd Overtone	70 Ω
	4.000~4.999	Fundamental	120 Ω		67.100~100.000	3 rd Overtone	90 Ω
	5.000~5.999	Fundamental	100 Ω	AGX5032	12.000~40.000	Fundamental	50 Ω
	6.000~8.999	Fundamental	80 Ω		40.000~90.000	3 rd Overtone	60 Ω
	9.000~9.999	Fundamental	60 Ω	AGX4025	12.000~15.000	Fundamental	60 Ω
	10.000~12.999	Fundamental	50 Ω		16.000~20.000	Fundamental	40 Ω
	13.000~18.999	Fundamental	40 Ω		21.000~50.000	Fundamental	30 Ω
	19.000~50.000	Fundamental	35 Ω	AGX3025	10.000~12.900	Fundamental	100 Ω
	30.000~44.999	3 rd Overtone	80 Ω		13.000~15.900	Fundamental	80 Ω
	45.000~59.999	3 rd Overtone	70 Ω		16.000~20.900	Fundamental	70 Ω
AGX7050	60.000~79.999	3 rd Overtone	60 Ω		21.000~29.900	Fundamental	60 Ω
	8.000~9.999	Fundamental	60 Ω		30.000~60.000	Fundamental	50 Ω
	10.000~11.999	Fundamental	50 Ω	AGX2520	16.000~20.900	Fundamental	80 Ω
	12.000~14.999	Fundamental	40 Ω		21.000~54.900	Fundamental	60 Ω
	15.000~40.000	Fundamental	30 Ω	AGX2016	24.000~25.000	Fundamental	100 Ω
AGX6035	30.000~100.000	3 rd Overtone	80 Ω		25.000~36.00	Fundamental	80 Ω
	12.000~16.000	Fundamental	80 Ω		36.000~80.00	Fundamental	60 Ω
	16.000~40.000	Fundamental	40 Ω				