



Surface Mount Crystals

--- Type: RA-5032

SPECIFICATIONS:

Frequency Range	12~48MHz
Operating Temp. Range	-10℃~+60℃ (Standard)
Storage Temperature	-40℃~+85℃
Frequency Tolerance @ 25℃	±50ppm (Standard)
Frequency Stability Over Temp.	±50ppm (Standard)
Shunt Capacitance	7pF
Load Capacitance	6~32pF, Series (30pF Standard)
Drive Level	10 μ W~500 μ W (0.1mW Standard)
Aging @ 25℃	±1ppm/year

ESR CHART:

Frequency Range (MHz)	ESR (Ω)
12.000~13.000	65
13.000~16.000	60
16.000~24.000	55
24.000~48.000	50

Temperature Range and Stability

	±5ppm	±10ppm	±15 ppm	±20 ppm	±30 ppm	±50 ppm
A0= 0~+50	○	○	○	○	○	○
A1= -10~+60	—	○	○	○	○	○
A2=-20~+70	—	○	○	○	○	○
A3=-30~+75	—	—	—	○	○	○
A4=-40~+85	—	—	—	○	○	○

ORDER OPTIONS:

Type	Freq. (MHz)	Load Cap. (pF)	Freq. Tolerance (ppm)	Freq. Stability (ppm)	Operating Temp. (℃)	Package
RA-5032	12 ~ 48	C6~32 S=Series	±5 ±10 ±15 ±20 ±30 ±50	±5 ±10 ±15 ±20 ±30 ±50	A0 = 0~+50 A1 = -10~+60 A2 = -20~+70 A3 = -30~+75 A4 = -40~+85	T= tape&reel

i.e. : RA-5032-24.000C18-30/30-A1-F-T

