EC4SM1 Series

- Four pad surface mount package
- AT or BT cut available
- Resistance weld seal
- Tight tolerance/stability
- Interchangeable with plastic surface mount crystals
- Tape and reel available



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NOTES

ELECTRICAL SPECIFICATIONS

ECLIPTEK CORP.

3.579545MHz to 40.000MHz		
±50ppm/±100ppm (Standard), ±30ppm/±50ppm (AT cut only), ±15ppm/±30ppm (AT cut only		
± 15 ppm / ± 20 ppm (AT cut only), or ± 10 ppm / ± 15 ppm (AT cut only)		
0°C to 70°C (Standard), -20°C to 70°C (AT cut only), or -40°C to 85°C (AT cut only)		
±5ppm / year Maximum		
-40°C to 85°C		
7pF Maximum		
500 Megaohms Minimum at 100V _{DC}		
1 mWatt Maximum		
18pF (Standard), Custom C _L ≥10pF, or Series Resonant		

EQUIVALENT SERIES RESISTANCE (ESR), MODE OF OPERATION (MODE), AND CUT

Frequency Range	ESR (Ω)	Mode / Cut	Frequency Range	ESR (Ω)	Mode / Cut
3.579545MHz to 4.999MHz	200 Max	Fundamental / AT	15.000MHz to 15.999MHz	60 Max	Fundamental / AT
5.000MHz to 5.999MHz	150 Max	Fundamental / AT	16.000MHz to 23.999MHz	50 Max	Fundamental / AT
6.000MHz to 7.999MHz	120 Max	Fundamental / AT	24.000MHz to 30.000MHz	40 Max	Fundamental / AT
8.000MHz to 8.999MHz	90 Max	Fundamental / AT	24.000MHz to 40.000MHz	40 Max	Fundamental / BT
9.000MHz to 9.999MHz	80 Max	Fundamental / AT			
10.000MHz to 14.999MHz	70 Max	Fundamental / AT			

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EPOXY BASE

PART NUMBERING GUIDE

