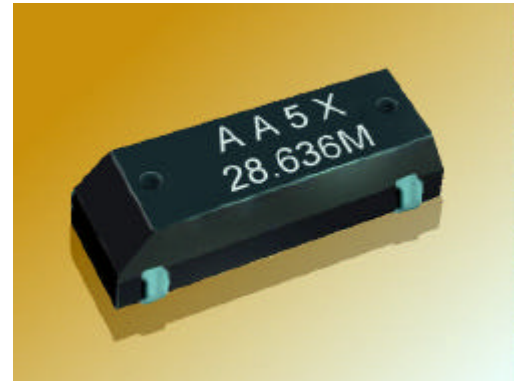


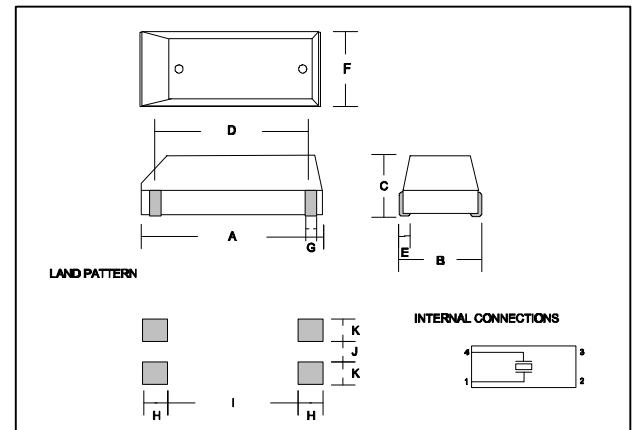
# ECM Surface Mount Crystal

## ECM CM309S

- AT - Cut
- Molded Plastic Package
- Small Footprint
- Tape & Reel or Bulk Packaging



Parameter	CM309S	
Frequency Range	3.50MHz – 30.0MHz 30.0001 MHz to 70.00MHz	Fund 3 <sup>rd</sup> O/T
Calibration Tolerance @25°C	+/- 50ppm standard others available	Specify
Temperature Tolerance	+/- 50ppm standard others available	Specify
Operating Temperature	-40°C to +85°C other options available	Specify
Storage Temp	-55°C to +125°C	
Load Capacitance	10pf to ∞ or Series	Specify
ESR	50Ω to 200Ω Frequency Dependant	
Shunt Capacitance	7.0pf max	
Drive Level	0.1mW max	
Ageing	+/- 5ppm First Year	



### Standard Frequencies in MHz.

3.579545	8.192	18.432
3.6864	9.8304	19.6608
4.00	10.00	20.00
4.032	10.752	22.1184
4.096	11.0592	24.00014
4.194304	12.00	24.576
4.433619	12.288	28.224
4.9152	14.31818	29.4912
6.00	14.7456	32.00
6.144	15.36	32.768
7.3728	16.00	35.2512
7.68	16.384	40.32
8.00	16.9344	56.448

A	B	C	D	E	F
12.50	4.60	3.70	9.40	1.00	4.60

G	H	I	J	K
0.80	1.80	7.60	1.70	1.80

Dimensions in mm

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