ECM Surface Mount Crystal

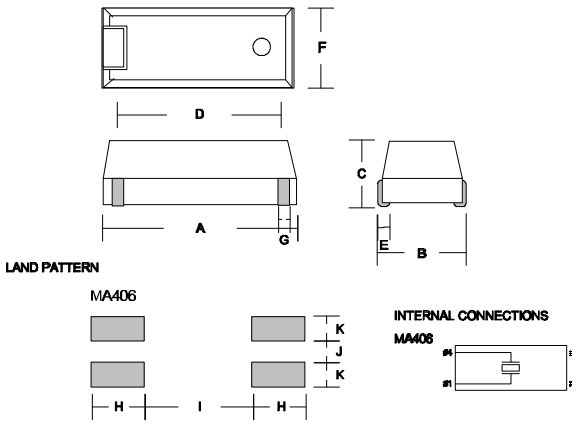
Epson MA406

- Small Footprint for High Density
- Tape & Reel or Bulk Packaging
- Molded Plastic Package
- Excellent Heat & Environmental Charecteristics



Parameter	MA406	
Frequency Range	4.00MHz to 30.00MHz 26.001MHz to 64.00MHz	Fund 3rd O/tone
Calibration Tolerance @ 25^{0}C	+/-50ppm standard	
Temperature Tolerance	+/-50ppm below 5.5MHz +/-30ppm above 5.5MHz	
Operating Temperature	-20^{0}C to +70^{0}C other options available	Specify
Storage Temp	-55^{0}C to +125^{0}C	
Load Capacitance	5pf to ∞ 16pf standard	Specify
ESR	40Ω to 150Ω Frequency Dependant	
Shunt Capacitance	5pF max	
Drive Level	2.0mW max 10µW to 100µW Recommended	
Aging	+/-5ppm First Year	

Environmental & Mechanical	
Mechanical Shock	EIAJ ED-4701 A-124
Humidity	EIAJ ED-4701 B-121
Vibration	EIAJ ED 4701 A-121
Soldering	260^{0}C for 20s max
Thermal Shock	EIAJ ED-4701 B-131



A	B	C	D	E	F	G
11.70	4.80	3.70	9.60	1.20	4.00	0.70

H	I	J	K
1.80	7.80	1.70	1.90

Dimensions in mm

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Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary.

Issue 1