

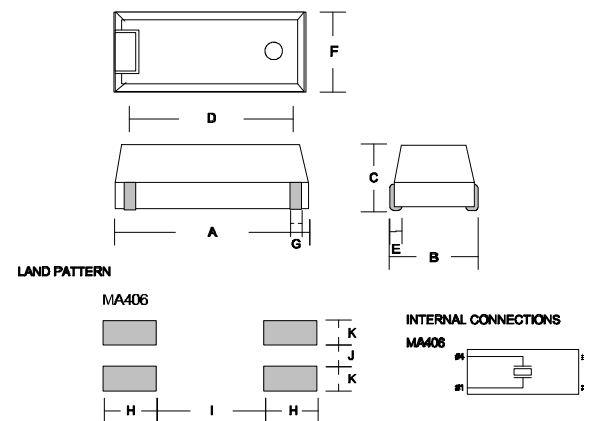
## Epson MA406

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



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

| Environmental & Mechanical |                                |
|----------------------------|--------------------------------|
| <b>Mechanical Shock</b>    | EIAJ ED-4701 A-124             |
| <b>Humidity</b>            | EIAJ ED-4701 B-121             |
| <b>Vibration</b>           | EIAJ ED 4701 A-121             |
| <b>Soldering</b>           | 260 <sup>o</sup> C for 20s max |
| <b>Thermal Shock</b>       | 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