

FLEX CRACK MITIGATION

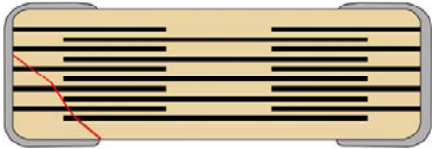
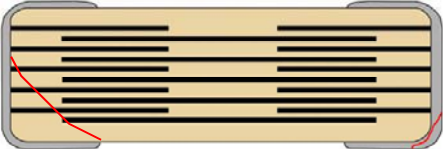
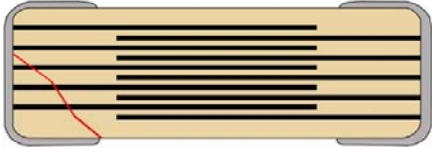
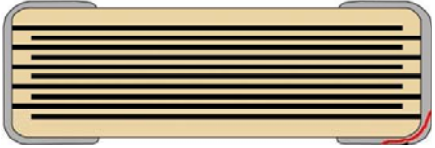
Programs Supported

- Automotive:
Battery line, Engine control, Safety, Multimedia
- Industrial:
Measurement, Analytical, Medical, Power supply
- Military & Aerospace:
Display, Instrumentation, Navigation

Benefits & Advantages

- Reduces catastrophic failures due to board flex
- Reduces low IR or short circuits due to board flex
- Channels flex stress to end terminations (flexible terminations)
- Allow up to 5mm of board flex capability (flexible terminations)
- Four options to choose from
- Global footprint – manufacturing & sales

KEMET Product Options:

Technology	Target Values	Example
Floating Electrode <u>FE CAP</u>	Low to Mid Capacitance	 <p>Floating Electrode means 2 capacitors in Series</p>
Floating Electrode + Flexible Termination <u>FF CAP</u>	Low to Mid Capacitance	
Open Mode	Mid Capacitance	 <p>Open Mode creates a safe margin area</p>
Flexible Termination* <u>FT CAP</u> *New – Up to 2225 case size!	High Capacitance	 <p>Flexible Termination moves the crack away from ceramic body</p>

