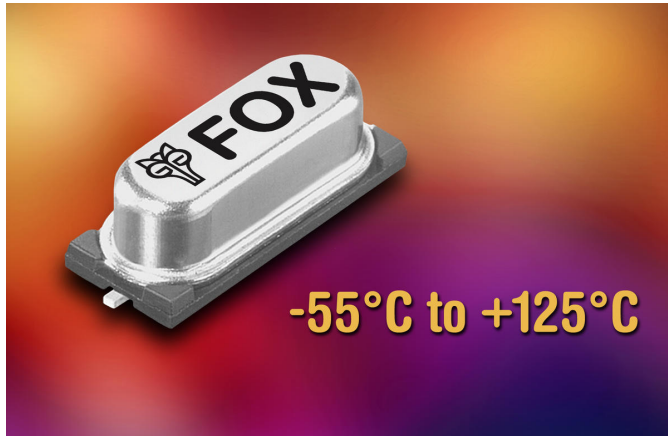


New Crystals Operating Over Extended -55°C to +125°C

WDD Staff



Fox Electronics (Fort Myers, FL) has enhanced its HC49 line of low-cost resistance weld crystals with two versions that maintain stability and tolerances across an extended temperature range of -55°C to +125°C. The SMD HC49SDLF and thru-hole HC49SLF offer frequencies from 3.2 MHz to 80 MHz in the same compact 14 mm x 5 mm package with maximum heights of 4.5 mm and 3.6 mm, respectively. The large temperature and frequency ranges, as well as the compact, robust housing make the new crystals ideal for a variety of harsh environments including mobile devices and exterior telecommunication installations. Applications where the electronic systems are subjected to fluctuating weather conditions, and bandwidth requirements are high, find the combined attributes of the crystals especially useful for long-term, proper operation. Features include:

- Frequency tolerances as low as ± 10 ppm at 25°C.
- Frequency stabilities as tight as ± 90 ppm from -55°C to +125°C.
- Maximum shunt capacitance of 7 pF.
- Load capacitance specified from 10 pF for parallel configurations.

For more information visit www.foxonline.com [1].

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Links:

[1] <http://www.foxonline.com>

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