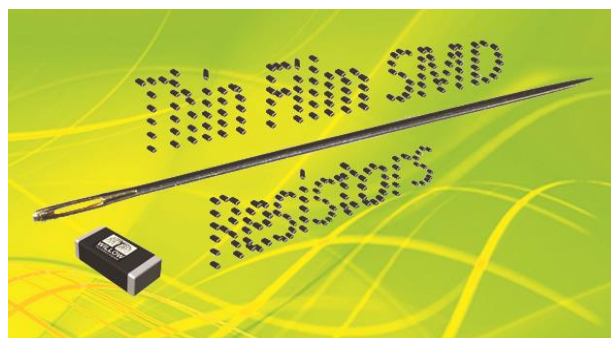


Ultra Precision Thin Film SMD Resistors – VITALLY Important

Willow Technologies Limited (www.willow.co.uk) introduces a range of **advanced ultra-precision chip resistors in Thin Film Technology**, featuring ultra-tight tolerances down to $\pm 0.01\%$ and extremely low TCR down to $\pm 2\text{ppm}/^\circ\text{C}$, with a power rating up to 1W. Available sizes supplied taped and reeled from 0201 miniature up to a larger 2512 case size.



The new thin film flat chip resistors combine proven reliability with an advanced level of precision. This unique combination has produced resistive devices perfectly suited for applications such as medical equipment, precision test equipment, precision voltage dividers, industrial, automotive, aerospace, telecommunications and test apparatus.

Robert Mattock, Product Manager of Willow Technologies commented, “With extremely low temperature coefficient, these thin film SMD resistors exhibit excellent long term stability & reliability under harsh environmental conditions.” Making them an excellent choice for medical & automotive applications.

The SAR range of thin film resistors have a standard resistance range from 1Ω to $3\text{Mega}\Omega$, with an operating temperature range of -55 to $+155^\circ\text{C}$.

“The resistive element is based on NiCr film technology, with wrap around lead free terminations the device is well suited for processing on automatic SMD assembly systems and for automatic soldering, using wave, reflow, or vapour phase. Our resistors are RoHS compliant and their pure tin plating provides compatibility with lead (Pb) free and lead (Pb) containing soldering processes.” Continued Mattock.

Samples and production quantities of these new thin film resistors are available now from stock, & typical lead times of less than 4 weeks for larger orders.

ENDS

Editor Information

Founded in 1989, Willow Technologies is located in Copthorne, West Sussex in the UK. We provide electronic solutions to customers by designing, manufacturing and supplying components and systems globally to the electrical and electronic marketplace. Specialists in switching, sensing, resistive and hermetic seal solutions we have a wide portfolio of sensing technologies and over 60 years of application experience. Our in-house engineering capability and rapid prototyping facility for custom parts enable us to develop products to match specific application requirements. Willow is ISO9001:2000 registered.

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