

astron(elec•tron•ics)
verb: 1. representation defined

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Lines Represented

Alpha & Omega

E-Switch

EDI Diodes

Global Power

Globtek

L-Com

Methode

Printec

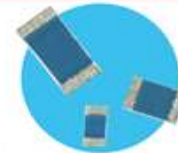
SynQor

Tamura

TT Electronics

VCC

YS Tech



Bi technologies **ΩIRC** **Welwyn**

Designing with High Stability Resistors

WIN series thin film chip resistors use an advanced metal film technology to provide high levels of reliability and stability for precision resistor applications. The water insoluble nitride film avoids the moisture vulnerability problems of nichrome and passivated nichrome technologies. WIN series delivers very low and predictable life drift and high reliability even under conditions of high humidity and in the event of damage to the component coating layer. This is due to its ability to self-passivate by forming a very thin, highly stable oxide layer.

Available in 0603, 0805 and 1206 sizes at 0.1W, 0.25W and 0.33W respectively, the series offers resistance values from 10R to 1M Ω with a tolerance of $\pm 0.1\%$ and TCR of $\pm 25\text{ppm}/^\circ\text{C}$.

WIN series

Inherent moisture protection superior to that of passivated nichrome chip resistors

High stability resistors for humid and polluted environments

Typical 85°C 85% biased humidity 2000 hour stability $< 0.1\%$

Typical moisture resistance stability $\pm 100\text{ppm}$

Precision resistors $\pm 0.1\%$ tolerance and $\pm 25\text{ppm}/^\circ\text{C}$ TCR

Anti-sulfur resistor terminations