

CADDOCK

ELECTRONICS, INCORPORATED

• High Performance Film Resistors, Resistor Networks and Custom Resistive Devices •

Introducing the Model CHR2520FC High Resistance, Low TC, Precision Chip Resistor 10 Meg to 100 Meg, 1% Tolerance, Temperature Coefficient ± 25 ppm/C

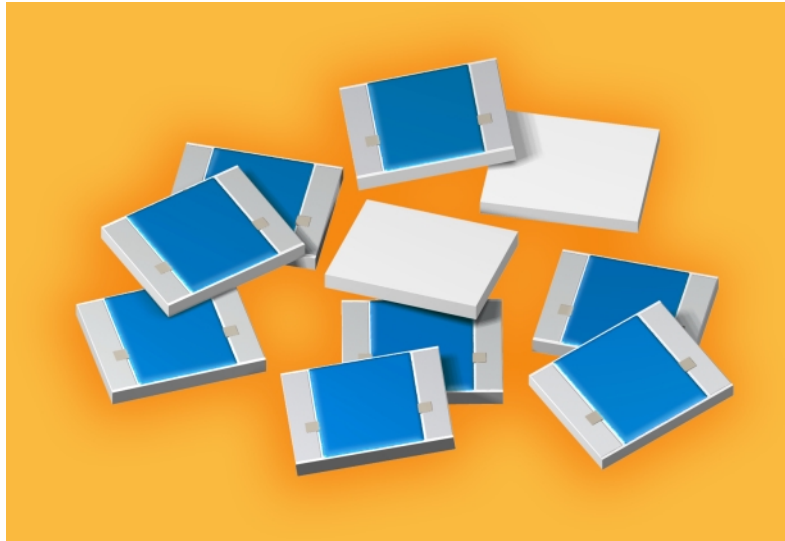
Caddock Electronics is pleased to announce the Model CHR2520FC, a High Resistance, Low TC, Precision Chip Resistor for use in Precision Electronics Applications. The CHR2520FC is available in 8 standard values from 10 Meg to 100 Meg with 1% tolerance. The "Low TC" (Temperature Coefficient) is a very low ± 25 ppm/ $^{\circ}$ C from $+10^{\circ}$ C to $+40^{\circ}$ C ref. to $+25^{\circ}$ C which is ideal for CT scanning systems, as well as process instrumentation and advanced measurement applications. The CHR2520FC is a flip-chip style chip resistor for standard SMT reflow solder processes.

A typical application of the Type CHR Chip Resistor is in Low Signal Amplification circuitry designed to detect the very low signal levels generated by photodiodes or in ionization detection. Other applications are in photomultiplier, high gain amplification, or differential amplifier designs. The CHR2520FC can also be used as the input resistor in high input impedance voltage division.

Custom Versions of the Type CHR Resistors will be available for high quantity applications with Resistance as high as 1000 Meg, higher voltage ratings, tolerances as tight as $\pm 0.25\%$, Application Specific Tolerance and TC optimization, and wire bondable versions for Hybrid circuits.

CHR2520FC: Precision High Resistance Flip-Chip Style Resistor

- Resistance Range: 8 Standard Values from 10 Meg to 100 Meg at 1% tolerance
- Temp. Coefficient: ± 25 ppm/ $^{\circ}$ C from $+10^{\circ}$ C to $+40^{\circ}$ C ref. to $+25^{\circ}$ C
 ± 70 ppm/ $^{\circ}$ C from -40 to $+85^{\circ}$ C ref. to $+25^{\circ}$ C
- Voltage Rating: 150 V
- Availability: Lead Time stock to 6 weeks ARO
- Packaging: Tape and Reel Packaging: 1000 pieces per reel,
Smaller quantities available in strips of tape.



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