

THICK FILM RESISTORAbstract:

A thick film resistor configuration and a method for fabricating thick film resistors, by which such resistors can be processed to achieve targeted electrical resistances. The configuration and method of this invention involve creating thick film resistors for a given hybrid circuit, in which the

5 resistors can be formed from the same resistor composition and have essentially the same peripheral shape and exterior dimensions, yet may differ in resistance by a ratio of 20:1 or more. The resistors are characterized by differences in their resistances being achieved through appropriate modifications to their conductor configurations. As a result, a standardized

10 resistor size can be adopted for a given resistor network, thereby enabling optimal resistor packing for the network since subsequent modifications in resistor lengths and widths for resistor balancing need not be accommodated.

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