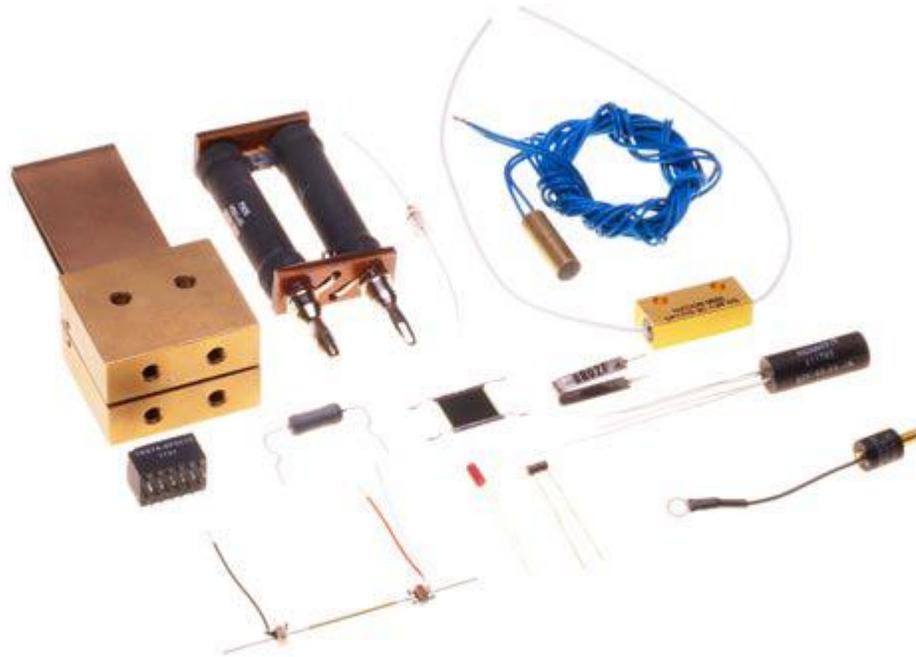


RIEDON

Custom Designed Resistor Partial List



Power

- Aluminum housed heater with flexible leads. Used as optics package heater in severe-environment security cameras
- Standard 50W aluminum housed or “chassis mount” resistor with custom flying (flexible) leads

Three Terminal Resistors

- Custom dual wire wound resistor package with three terminals. Application on the AMRAAM missile

High Temperature Precision

- High temperature transducer compensation resistors available in low TC and various high-TC versions using Evanohm, Balco, platinum, and nickel wires (see also the Joule description). Available in radial (black) and PC (red) lead configurations.

Custom Shunt

- Custom designed shunt resistor with manganin resistor element and brass mounting blocks.
- Special shaped shunt with dual manganin wires, silicone/fiberglass insulating sleeve and specially shaped ring terminals. Application in the welding industry.

Custom Network

- Special, qualified high-temperature 11-resistor network. Complete quality-controlled aerospace missile application requiring QCI testing on each production lot.

Temp Sensing

- Special temp-sensing resistor using a threaded brass bobbin with integral mounting screw head and high TC RediSeal wire (3500ppm/°C). Used in commercial oven (pizza) application.
- Custom temp-sensing resistor with brass heat-transmitting shell. Wound with Balco wire (TC = 4800ppm/°C)
- Custom designed wire wound gas flow sensor. The sensor is a precision tube with two platinum wire windings (TC = 3800ppm/°C). Applications in semiconductor production gas doping.

Custom Package

- Special “banana plug” resistor used to configure a test board by easily adding or removing the resistor.

Metal Element

- Showing various form shapes for the MSR low-ohm metal element product line.

Joule Rated

- Special joule-rated part with custom soldered, flexible lead terminations. Joule-rated parts are designed survival under high current or voltage spike applications (lightning strike, motor start-up etc.).

Heater Chip

- Custom thick film heater chip with special surface mount leads. Applications in the severe-environment security camera industry to prevent fogging of the camera optics package.

Fuse Resistors

- Special fusible resistor with tight fusing characteristics, clear plastic housing and complete mil/aero qualification documentation for US missile project.

Four Leads

- Dual precision resistor package with four leads.