

A WORLD OF ADVANCED RESISTOR TECHNOLOGY

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RIEDON QUALITY, SERVICE & DELIVERY

Riedon is dedicated to offering the best customer service and support in the resistor industry. Riedon works directly with customers to ensure that their needs are met effectively and efficiently. If we don't have the specific resistive products you require, our engineering team can design and build products to your individual requirements and specifications.

RESISTOR TECHNOLOGIES



WIREWOUND

- Resistance Tolerances to 0.005% (Precision)
- Excellent High Pulse Performance (Power)
- Excellent High Temperature Performance
- Non-Inductive Winding Available
- Wide Range of TCR Available
- Low Thermal Noise



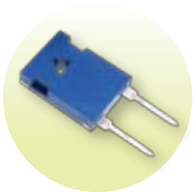
THIN FILM

- Stable at Higher Frequencies
- More Economical Where High Resistances and Tight Tolerance Needed
- Low Inductance



THICK FILM

- High Voltage
- High Resistance Values in Small Size
- Good Moisture Resistance

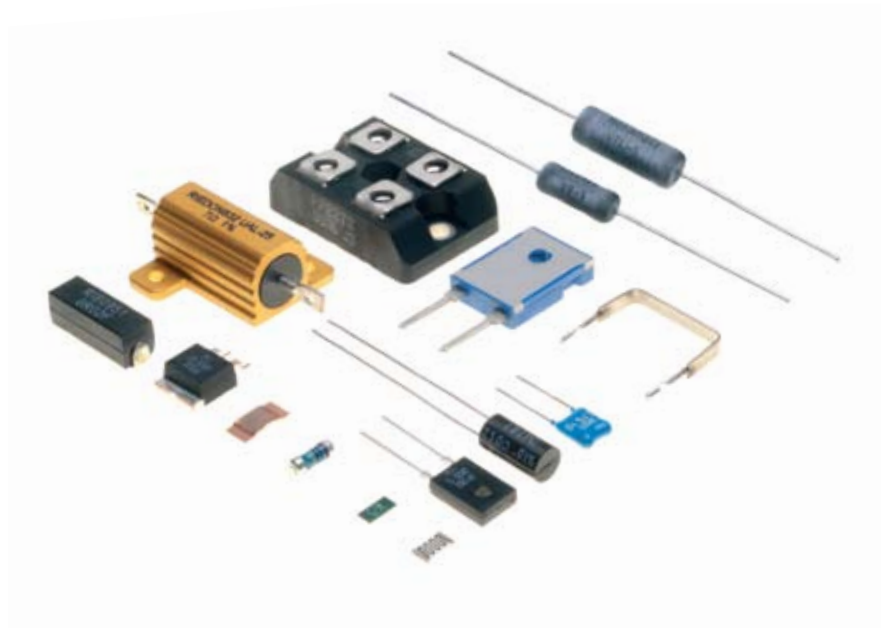


FOIL

- Best Precision and Resistance Stability
- Low Inductance and Low TCR

SERVICE

- Personalized technical support
- 24 hour response to online quotes
- One-week lead time for sample requests
- Dedicated sales and customer service staff guide customers through product selection and on-going needs
- Flexible manufacturing enables Riedon to support both low and high volume orders with industry-leading delivery times

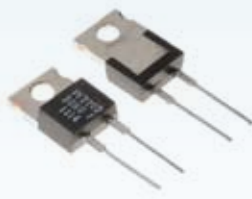


RESISTIVE SOLUTIONS

TO TYPE / CHASSIS MOUNT



PF1260



PF2200



PF2270



UAL

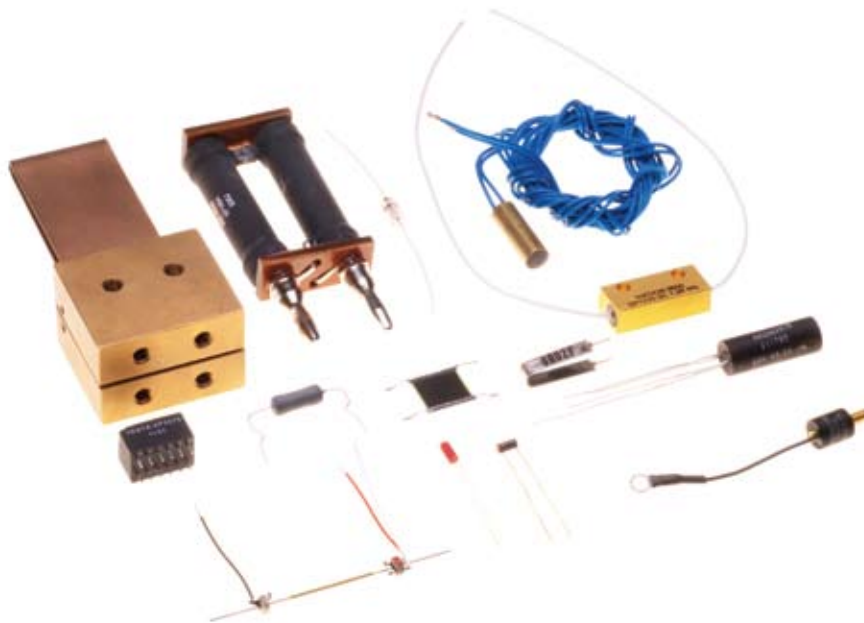


FPR2

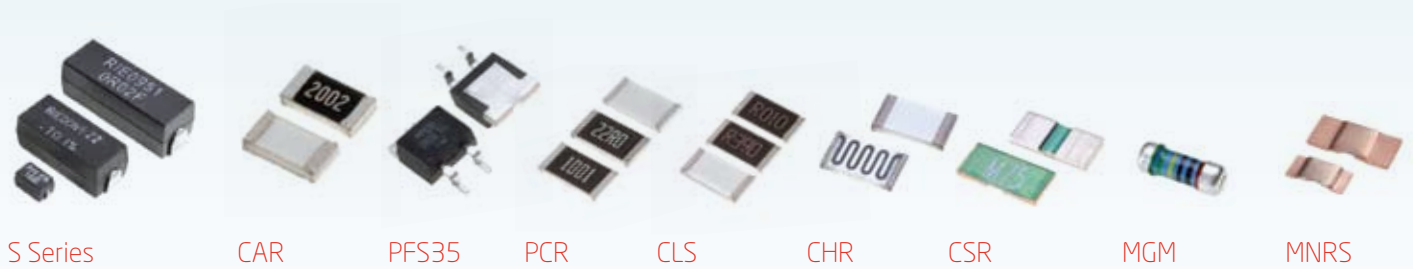
	Technology	Power (Watt)	Resistance (Ohms)	Tolerance	TCR (ppm)	Applications
PF1260 (TO-126)	Thin Film	5–20	0.01–51K	1%	50	 
PF2200 (TO-220)	Thin Film	10–50	0.01–51K	1%	50	 
PF2470 (TO-247)	Thin Film	100–140	0.01–51K	1%	50	 
PF2270 (TO-227)	Thin Film	200–600	0.1–100K	1%	100	 
UAL	Wirewound	5–300	0.01–250K	0.01%	20	   
FPR2 (TO-218)	Foil (CuNiMn)	30	0.002–50	0.10%	15	  

CUSTOM DESIGNS

- Innovative answers to difficult resistor problems
- Custom-designed products involving both simple and major modification to our catalog products
- Customizations include: packaging, TCR, temperature range, lead forming, matched sets, resistor network and special testing



SURFACE MOUNT



	Technology	Power (Watt)	Resistance (Ohms)	Tolerance	TCR (ppm)	Applications
S SERIES	Wirewound	0.5–4	0.005–50K	0.01%–5%	20	    
SC	Wirewound	2	0.01–1K	0.005%	20	  
FPS2	Foil (CuNiMn)	15	0.002–50	0.10%	15	 
CAR	Thin Film	0.0625–0.5	1–2M	0.01%	5	 
PFS35 (DPAK)	Thin Film	35	0.01–51K	1%	50	
PCR	Thick Film	0.125–1.5	1–20M	5%	100	
HVC	Thick Film	0.05–0.8	10M–1T	0.25%	50	 
NPS2	Thick Film	25	0.025–10K	1.00%	100	
HVS	Thick Film	0.125–1.5	100K–10T	0.25%	25	 
CRW	Thick Film	0.35–2	0.1–100M	0.50%	50	
CLS	Thick Film	0.05–1	1–10M	1%	100	
CHR	Thick Film	0.05–1	1–10M	0.50%	60	
CSR	Metal Strip	1–3	0.0005–0.015	1%	50	
MGM / MFM	Metal Film	0.5–3	1K–1G	0.50%	100	
MNRS	Chip Shunt	3–5	0.001–0.004	1%	50	

LEADED



UT / UB



100 series



PC



HTE



HVR



SAA



MSR



MFP

	Technology	Power (Watt)	Resistance (Ohms)	Tolerance	TCR (ppm)	Applications
UT/ UB / UTL	Wirewound	0.1–15	0.005–260K	0.01%–10%	20	   
100 SERIES	Wirewound	0.05–2	0.1–6M	0.005%	1	 
PC	Wirewound	0.05–0.5	0.1–6M	0.005%	1	 
HTE	Thick Film	0.7–15	1K–100M	1%	100	 
HVR / GST	Thick Film	1–3	1 M–10T	0.25%	25	
SAA / SCA	Metal Film	0.25	10–1M	0.10%	5	
MFP SERIES	Metal Film	0.16–3	0.1–10M	0.01%	5	
MSR	Metal Element	1–5	0.005–0.1	1%	20	 
MT Series	Metal Element	1–10	0.003–0.1	0.10%	120	 

APPLICATIONS KEY



High Pulse



Current Sense



High Precision



High Voltage



Temp Sensing



High Temp



High Power

GLOBAL NETWORKS & MARKETS

Riedon offers manufacturing capability in the US, Mexico, China, Korea, Japan, India and Europe. We serve a wide variety of markets including Industrial, Medical, Instrumentation, Telecommunications and Aerospace/Defense, with sales and engineering support throughout the world through our representatives and distributors.



INDUSTRIAL

Power Inverters
HVDC-Systems
Lighting (LED)
Motor Control
Braking Systems
Power Supplies
Welding



MEDICAL

Defibrillators
MRI
X Ray
Fluid Heaters



INSTRUMENTATION

Smart Grid Metering
Gas Monitoring
Load Cells
Precision Scales
Temperature Sensors
Pressure Transducers



TELECOMMUNICATION

Base Station
Lightning Pulse Survival
Current Sensing



AEROSPACE / DEFENSE

Surge Protection
Engine Sensors
Data Recorders
Hydraulic Control
Temperature Sensors
Fire Suppression

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