



**Richardson
Electronics**

POWER & MICROWAVE
TECHNOLOGIES

2026 >

Electron Devices Line Card



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edg@rell.com | laser@rell.com
relltubes.com | rellaser.com | rellpower.com

For nearly 80 years, Richardson Electronics provides power and energy solutions - power tubes, capacitors, industrial laser parts, and other electrical and microwave components for industrial applications like induction heating, dielectric heating, power conversion, and RF systems. We also offer hands-on engineering support to help you get the right solution for your equipment and keep it running at its best.

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60+ Offices/Sales Reps worldwide.
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Broadcast Transmission



Dielectric Heating



High Energy Transfer



High Voltage Switching



Induction Heating



Laser Cutting



Linear Accelerator



Medical Imaging



Microwave



**Microwave Processing/
Heating**



Plasma



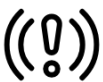
Power Conversion



Radar



Radiation Oncology



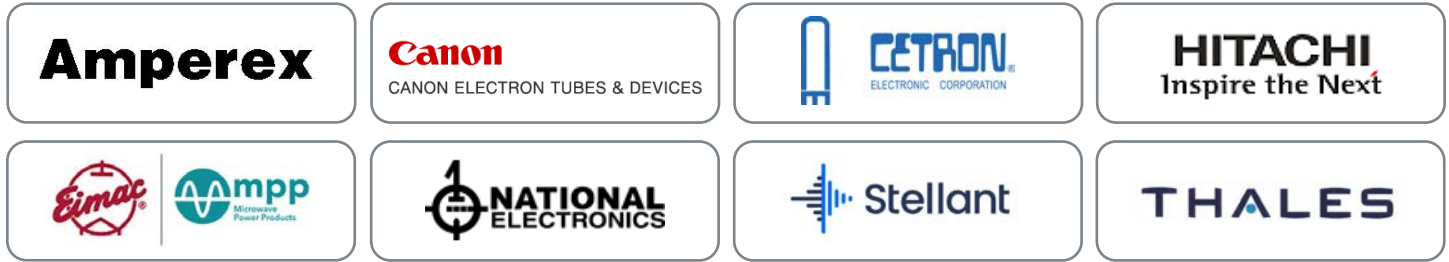
RF Amplification



RF Oscillation

ELECTRON TUBES & VACUUM TUBE DEVICES

Trusted manufacturer and world's premier supplier of top-quality electron vacuum tube devices.



With the largest global presence in the tube industry, Richardson Electronics sets the standard for excellence and reliability worldwide.

INDUSTRIAL MICROWAVE PRODUCTS

International manufacturer and provider of complete systems, standard components, and customized solutions for a variety of industrial applications utilizing continuous-wave and pulsed microwave technology.



INDUSTRIAL LASER PARTS

Your number one source for spare parts for TRUMPF® and Bystronic® as well as other makes of industrial laser systems. Visit rellaser.com to explore our full range of cutting-edge laser products.

CAPACITORS & OTHER ELECTRONIC COMPONENTS

We carry an extensive range of Capacitors, Inductors, Power Amplifiers, Passive Devices, Interrupters and so much more for your electronic component needs.

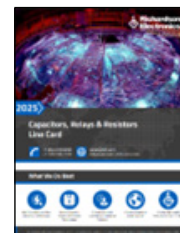
Tubes

- Power Grid
- CW Magnetrons
- Pulse Magnetrons
- Ignitrons
- Thyratrons
- Broadcast
- Accessories

Microwave Components

- Magnetrons
- Radar Components
- Microwave Power Sources
- Waveguide Components
- Microwave Measurement Devices

Capacitors, Relays and Resistors



MANUFACTURING

Richardson Electronics, Ltd. provides end-to-end manufacturing services, including design, development, sourcing, and testing, with a focus on quick turnaround and rapid prototyping. For nearly 80 years of industry leadership, we deliver high-quality products and engineering support through a global network of innovative partners.



POWER & ENERGY PRODUCTS

Richardson Electronics offers a range of power and energy products—including advanced power semiconductors, energy storage and management modules like patented ultracapacitor pitch energy systems, and high-performance power conversion components—designed for industrial, renewable energy, EV, and power management applications with global engineered support.



RF & MICROWAVE PRODUCTS

Richardson Electronics' RF & Microwave products include a broad range of high-performance RF and microwave components—such as amplifiers, filters, connectors, passive devices, and semiconductor solutions for wireless, radar, test, aerospace, and industrial applications—supported by global design-in and engineering services.



For more product details and expanded line cards, visit:
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