

The Pickering Group of Companies



Switching Expertise in Automated Test for Over **50 years**



pickering-group.com

Pickering Group

Pickering Group Ltd. is comprised of: Pickering Electronics—our relay division; Pickering Interfaces—our switching and simulation division and Pickering Connect—our connection division. Together we deliver high-quality switching and simulation products, and a full range of standard and custom cable and connector solutions.



We have been in switching technology since 1968, when our relay division was formed to design, manufacture, and distribute high-quality reed relays. Since their introduction, these relays have been implemented by most major test and measurement companies worldwide. Twenty years later, our switching and simulation division was formed and became an early innovator with its PXI switching modules. They now offer over 1,000 PXI, PCI, LXI & USB products along with diagnostic test tools and application software and software drivers.

In 2005, Pickering opened a manufacturing facility in the Czech Republic to design and manufacture cable and connector solutions to ease the integration of its products into functional test systems. With the increase in the requests for these connectivity products for applications outside the test and measurement industry, in 2014, we established the connectivity division, a new subsidiary for customers seeking standard and custom connectivity solutions.

Headquartered in the United Kingdom, we have two manufacturing facilities — in the UK and the Czech Republic. We also have sales and support offices throughout Asia, Europe, and North America.



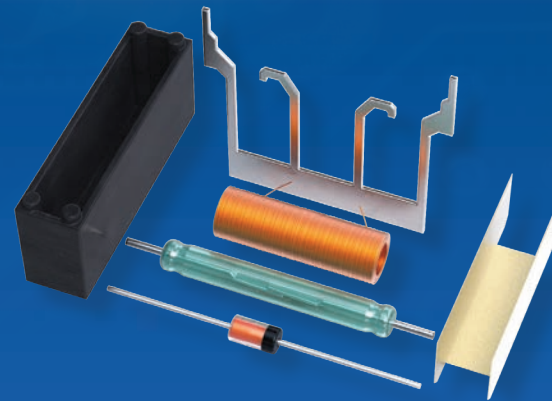
About Pickering Electronics

Pickering Electronics was formed in January 1968 with the aim to design and manufacture high-quality reed relays intended principally for use in Instrumentation and test equipment. Today, Pickering's Single-in-Line (SIL) range is by far the most developed in the relay industry, with relays 25% the size of many of their competitors. The small SIL relays are sold in high volumes to large ATE and Semiconductor companies worldwide. Pickering relays have many advantages over the more usual 'Hard Molded' construction. They are constructed using **SoftCenter™** technology which greatly reduces stress on the delicate glass reed switch capsule for maximum life and performance. Mu-metal magnetic screening allows high packing density without the risk of problems due to magnetic interaction between relays.

Just some of our advantages:

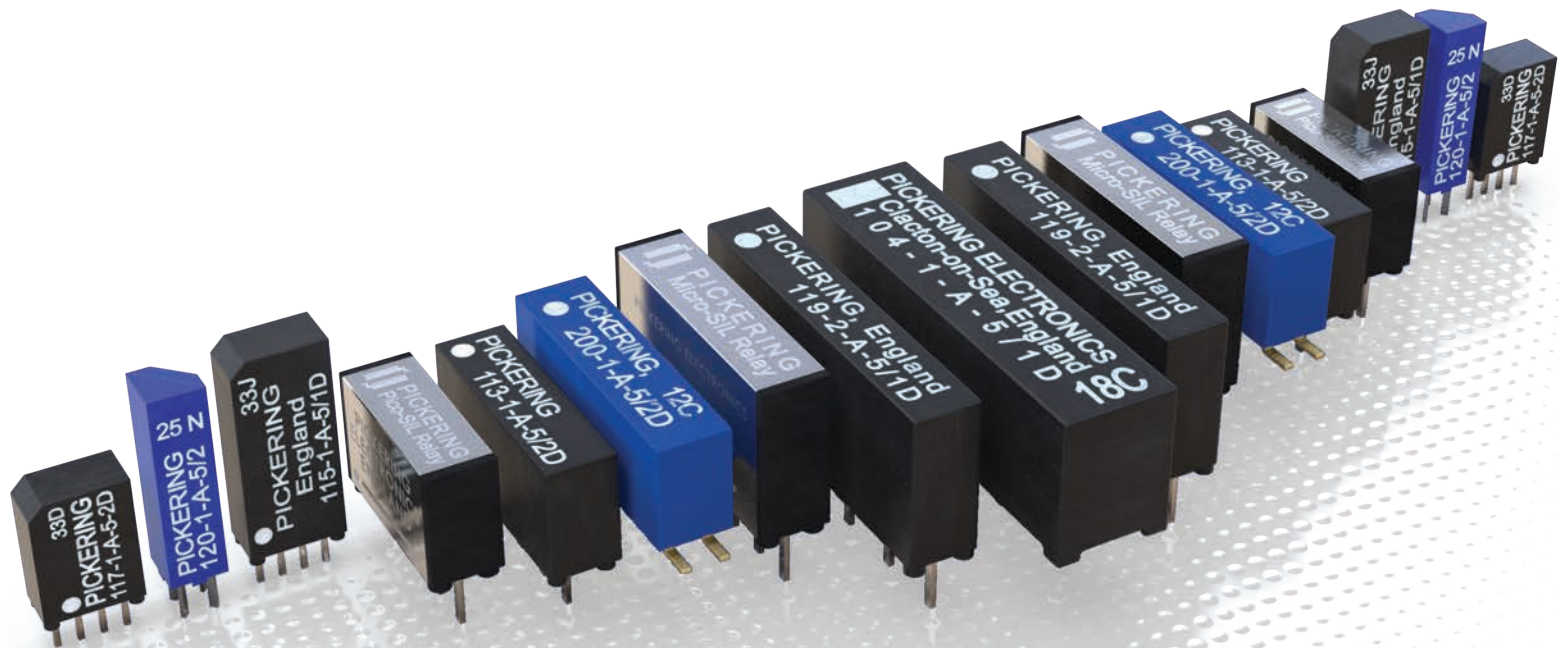
Supplying some of the smallest reed relays available today. We use only the **highest quality instrumentation grade** reed switches and our unique **SoftCenter** technology.

- **Choice** - over **1000+** catalog reed relay parts
- **Free samples** - test and evaluate our high performing reed relays
- **Custom manufacturing** - unique relay designs to solve complex applications
- **25+ years product longevity** promise – allowing you to maintain long-term supply



High-Performance Reed Relays

Designed for instrumentation, automated test equipment, semiconductor test, high-voltage switching, low thermal EMF, direct drive from CMOS, RF switching, high speed digital switching and other high-end applications. Reed Relays are available in Surface Mount (SMD), Single-in-Line (SIP), Dual-in-Line (DIP) and many other popular package styles.



Product
25+Years
Longevity

100%
Tested

The latest in reed relay technology and innovation



High-Quality Reed Relays

50+ years of outstanding reputation for **extended relay lifetime** derived from continuous staged manufacturing inspection, strenuous full range thermal cycling and **100% testing** for all operating parameters.



Reliability by Design

Our environmentally compliant Reed Relays use **Softcenter** technology, minimizing internal stresses on the reed switch, resulting in **extended life** and contact resistance stability.



Switching Performance

Our **formless coil technology** enables the use of higher AT grade switches, delivering more **robust and reliable** switching, higher standoff voltages, tighter operation windows and greater immunity to stray magnetic fields.



Cost & Size Performance

Leading edge mu-metal magnetically screened reed relays allow **ultra-high packing densities, saving significant PCB space** resulting in lower costs while eliminating magnetic interaction effects.

Learn more at: [pickering**relay**.com](http://pickeringrelay.com)

About Pickering Interfaces

Pickering Interfaces delivers high-quality modular signal switching and simulation products and services for electronic test and verification for PXI, LXI, USB and PCI applications—offering the broadest range of products in the industry, including:

- High-Density Matrices
- RF & Microwave to 67 GHz
- Optical & Fault Insertion Switching
- Modules for Sensor Simulation
- Modular Chassis
- Diagnostic Test Tools
- Signal Routing Software
- Software Drivers

Just some of our advantages:

- Extensive product range with well over 1,000 products
- Agility and expertise to develop a system to your specifications.
- Our products have a history of longevity, typically 15-20 years.
- Support - An experienced technical staff can address any hardware or software problems you may encounter.



Our collaborative, creative and agile culture can help your engineering team's effectiveness

Since 1968, Pickering Interfaces has helped test engineers design, deploy and sustain high-performance electronic test and verification systems. As experts in high-quality modular signal switching and simulation solutions, we provide the engineering capabilities and worldwide resources you need to succeed.

Our philosophy of partnering with each customer helped build our company. That's why our tradition of hands-on, responsive customer service still drives every customer interaction.

No matter what your test platform is, we can provide cost-effective solutions. All manufacturing processes are done within our two factories on flexible manufacturing lines allowing us to offer simple customization to meet your needs. The chances are good that we can enhance your engineering team's effectiveness.

Help streamline the development and deployment of your high-performance electronic test and verification systems with Pickering.



Supporting our customers across the world



Software Solutions

The best hardware is only usable if its software control environment is robust and easy to use. Take a look at our application software packages and software drivers.



Diagnostic Tools

We offer diagnostic test tools that provide you with a quick and simple way of finding relay failures within our PXI, LXI, USB and PCI switch and simulation systems.



Long Term Support

Connect with our experienced technical staff to address any problems you may encounter. Our support engineers have many years of experience in functional test.



Worldwide Presence

We supply and support our products worldwide, with seven direct offices in the UK, US, Europe and China, as well as additional representation located across the globe.

Learn more at: pickeringtest.com

About Pickering Connect

Pickering Connect specializes in standard and custom cable and connectivity and can manufacture in quantities of one to many thousands. Our cable engineering expertise, in-house PCB, 3D mechanical design, CNC and PCB component placement capabilities enable us to provide quick turnaround on customized solutions to match your requirements.

Since 2004 we have nurtured a reputation for excellence, reliability and value. Our high-quality products are used worldwide in many applications, including aerospace, automotive, medical and military.

If you need a custom cable, you can design your own using our **Cable Design Tool**, or we can design one for you.

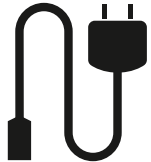
Just some of our advantages:

We offer you cable engineering expertise and a quick turnaround on custom cable designs and have the ability to provide customized cabling and connectivity solutions to match all of your requirements.

- 350+ new product designs annually
- 24 hours for design review & recommendations
- 15 years of experience



Standard & Custom Cables



Standard Cables

Pickering Connect offers a comprehensive range of standard connectors, cables, connector blocks and backshells.



Custom Cables

Your cabling and connectivity may be customized from the cable to the aluminum backshells and labeling.



Quick Turnaround

Production is fast with our in-house PCB, 3D mechanical design, CNC and PCB component placement capabilities.



Any run size

We can manufacture the quantity you require. Whether that's a one-off or many thousands, we've got you covered.

Learn more at: pickeringconnect.com



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Lit-096, Issue 1, Aug 2022

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