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OMRON

COMPONENT INSIDER

JULY 2024 EDITION

Hello [First Name] !

Thanks for reading the July 2024 edition of OMRON Electronic Component's product newsletter, Component Insider.

If you have any feedback on this new resource, please email us!

Sincerely,
The Team @ OMRON Electronic Components

Featured **Products**



B5L
with Human Pose Estimation

Since 2020, the global elderly population has surged, increasing the demand for caregivers. Approximately 70% of nursing care facility accidents are fall-related. Omron's integration of a 3D TOF sensor with Human Pose Estimation software in the B5L-A2S-U01-030 unit enhances fall detection when linked with devices like PCs, promoting longer, healthier lives for the elderly in medical and nursing environments.

Learn More



G5RL

The G5RL PCB Power Relay from OMRON is a low-profile relay designed for PCB applications, featuring a height of just 15.7 mm. The relay is available in various models, including those with AC coils and high-inrush models that can manage peak currents up to 100 A. Additionally, low noise models are available which produce approximately 10 to 20 dB less sound pressure than standard G5RL-Series Relays. For specific applications, TV8 rating models are also available that comply with the UL standard.

Learn More



G9KB-E

The G9KB-E is the *new* high-capacity SPST model of the G9KB series, providing higher maximum switching ratings without a change in size or footprint. This product can switch up to 100A at 600VDC or 50A at 800VAC bi-directionally, eliminating the need for multiple switching components to alternate forward and reverse currents. The G9KB series has been developed with high-performing arc cut-off technology, to combat contact arcing that is typical with large DC power applications.

Learn More

OMRON **News**



Improving Automated Test Equipment Product Life and Board Density

Learn how MOSFET relays and EFC Blade Pins are revolutionizing the industry by enhancing product life and minimizing board space, crucial for the development of AI chipsets. Join Evan Kuhn, OMRON's Business Development Manager, as he delves into innovative solutions that promise to keep your testing equipment ahead of the curve. Don't miss out on this opportunity to stay updated with the latest in ATE technology and ensure your systems are equipped for longevity and efficiency. Don't miss out on this opportunity to future-proof your testing equipment—read more and register today to secure your spot in this enlightening session!

Learn more

fresh ON THE BOARD

Fresh On The Board - June Edition

Rapid advancements in the miniaturization and high-density mounting of key semiconductors and components like resistors and capacitors are ongoing. However, challenges remain in adopting surface mounting and reflow soldering techniques. OMRON is aiding in product miniaturization and labor reduction by providing a diverse range of reflow-compatible products in small quantities.

Learn more

Upcoming **OMRON Events**



Save the Date for OMRON's upcoming webinar this July to understand more about the latest signal relay and blade pin technologies to enable the advancement of automated test equipment and the next generation of semiconductors.

Event Details:
Date: Thursday, July 18th, 2024
Time: 11am CST/ 12pm EST

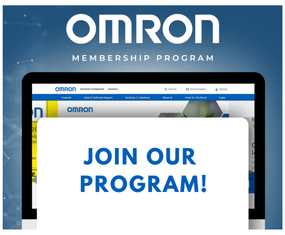
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Register Here

Interested in other events OMRON is a part of or hosting? Check out our events page so you never miss a thing!

Events Page

OMRON **Membership Program**



For a limited time, we will be offering our membership program free to anyone who signs up for it.

- Free download of 2D/3D CAD and ECAD files
- Updated information on New Products
- Access to OMRON's exclusive newsletter
- Downloadable RoHS Certifications
- Reference History
- And more to come...

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