



Hello, we hope you have had a good start to the fall season. Here are our highlighted products from our suppliers for the month of October. Feel free to reach out if you have any questions or would like any samples.



Murata Micro Batteries

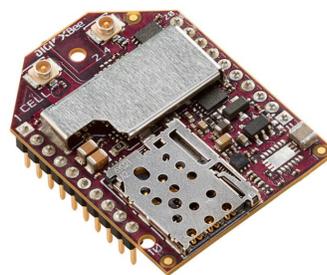
Murata's portfolio features a large range of coin cell batteries including two types of coin manganese dioxide lithium batteries (High drain and extended temperature), silver oxide batteries providing excellent stable discharge characteristics, & alkaline manganese batteries with excellent high-drain pulse discharge characteristics.

[Learn More](#) or [Request a Sample](#)

Digi XBee 3 Cellular Modems

Digi XBee 3 modules are the latest addition to the expanding Digi XBee Ecosystem – all engineered to accelerate development and deployment. Ideal for

low-data (typically <5 MB per month and where latency is not critical), low-power, low-cost applications, Digi XBee 3 Cellular LTE-M/NB-IoT modules feature a power saving mode which extends sleep time and battery life.



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Cypress PSoC 64 Standard Secure AWS MCU's

From manufacturing to de-commissioning, developers must protect their IoT application from hacks and safeguard user privacy through every stage of their application's lifecycle. Cypress has collaborated with

Amazon Web Services (AWS) to make device management secure, easy-to-use, and cost-effective with Cypress' PSoC® 64 Standard Secure - AWS MCU and AWS IoT Core.

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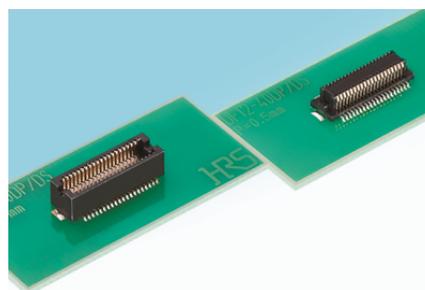
Hirose DF12N 0.5mm Pitch SMT Board-to-Board Connector

Broad Variations of Stacking Height

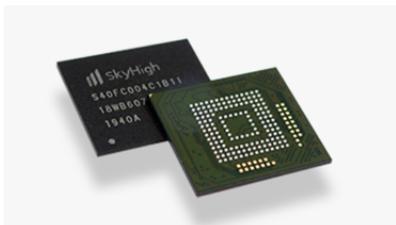
In addition to 0.5mm pitch ultra-miniature size connector, the stacking height of 3mm, 3.5mm, 4mm, and 5mm are provided.

Corresponding to Automatic Mounting

The connector has the vacuum pick-up area to enable automatic mounting with the embossed tape packaging.



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SkyHigh Memory 4 GB e.MMC

SkyHigh Memory offers a family of e.MMC 5.1 NAND Flash. These e.MMC products provide a highly efficient NAND flash memory, with an integrated controller and enhanced memory management. The e.MMC 5.1 product family is offered in Industry standard and small form factor packages, and is the optimal solution for large data storage in embedded applications in the Communication, Consumer, and Industrial Segments.

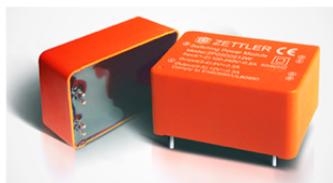
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MPS Power Inductor Family

MPS surface-mounted power inductors are designed for applications ranging from power supply to power converters. The molded and semi-shielded series inductors comprise inductance ranges from 0.33 μH to 22 μH and saturation current ranges from 0.8 A to 64 A.



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Zettler Magnetics 10-Watt Ultra-Wide Input Power Modules

The HPI10 series of Plug & Play 10W Power Modules support input requirements from 90-528VAC with regulated outputs from 5VDC to 24VDC. The HPI10 series offer the industry's smallest footprint while meeting

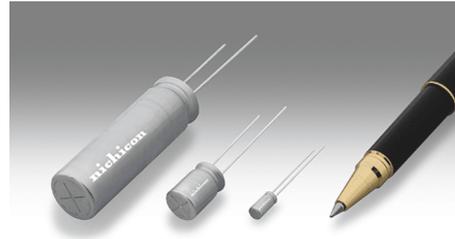
the requirements of UL 62368-1 safety standards and EMC requirements. With the option for 6-sided shielding, they are ideally suited for smart cities, building management systems, and other industrial IoT applications.

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Nichicon Small Li-Ion Battery

“SLB” is a high safety “Small Li-Ion Rechargeable Batteries” which utilizes lithium titanate (LTO) for the negative electrodes, realizing

- (1) High-rate rapid charge/discharge performance,
- (2) High-density input/output that is approaching that of a capacitor,
- (3) Long life of more than 25,000 charge/discharge cycles at 10C rate, and
- (4) Low temperature characteristics enabling operation even at -30°C.



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Kind regards,
Your Team at M2S Tech



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