

New Product Introduction

October - December 2024



The IP&E
Specialist

New Product Introduction

New Products at TTI, Inc. - Europe!

We are pleased to introduce the latest catalog of new products added to TTI's broad inventory. Our commitment to excellence remains unwavering, and we take pride in presenting a selection of products that exemplify the highest standards of quality, performance and dependability. Tailored to meet diverse requirements across sectors such as Transportation, Industrial or Defense-Aerospace-Space, our meticulously curated range stands ready to serve your needs.

October 2024

<p>Amphenol</p>	<p>Amphenol Advanced Sensors</p>	<p>MW MEAN WELL</p>	<p>molex</p>
<p>RAPTOR Connectors</p>	<p>ZTPD-2210 digital output IR detectors</p>	<p>High-performance Power Supply Models with CANBus</p>	<p>DuraClik 2.00mm-Pitch Wire-to-Board Connector System</p>
<ul style="list-style-type: none"> Designed for high operating voltages at aircraft altitudes High current TALON copper contact Designed for standard AWG cables Designed to minimize partial discharge 	<ul style="list-style-type: none"> Factory calibrated temperature range Ambient temperature compensation I2C Interface Sleep mode for energy saving 	<ul style="list-style-type: none"> High performance PSU including UHP, DPU, RSP, RPB, and HEP series. CANBus to control, monitor, and configure the PSU. Optional models without MOQ (minimum order quantity) 	<ul style="list-style-type: none"> Provide stable mating High PCB retention force For applications that require high anti-vibration capability 13- and 15-circuit female housings
			
<p>TDK</p>	<p>VISHAY</p>	<p>VISHAY</p>	<p>YAGEO KEMET GROUP</p>
<p>NTC Thermistors</p>	<p>VS-SC SOT-227 SiC Schottky Barrier Diodes</p>	<p>VEMD8082 Silicon PIN Photodiode</p>	<p>T581 Organic Capacitor</p>
<ul style="list-style-type: none"> Short response time High measuring accuracy Tight B value tolerances available 	<ul style="list-style-type: none"> Virtually no recovery tail and no switching losses Majority carrier diode using Schottky technology on SiC wide band gap material 	<ul style="list-style-type: none"> Package type: surface-mount Package form: top view 6mm² radiant sensitive area Enhanced sensitivity 	<ul style="list-style-type: none"> Product level X, Y, and Z available Qualified to MIL-PRF-32700/1 and /2 100% accelerated steady state aging
			

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<p>FCM10K Series</p>	<p>H2 Pressure Sensors</p>	<p>PTVS1-240C-M High Current TVS Diode</p>	<p>IGBT Modules</p>
<ul style="list-style-type: none"> • 10,000 W output power • Peak efficiency: 97% typical • -40 to +50°C • Supports NFC Tag Application 	<ul style="list-style-type: none"> • High level of hydrogen compatibility • Media-tested materials • Burst-proof and high durability 	<ul style="list-style-type: none"> • Bidirectional TVS diode • High surge capability • High clamping voltage • Stable breakdown voltage over temperature 	<ul style="list-style-type: none"> • Adopts diverse packaging technologies • Suitable for industrial fields and the in-vehicle equipment market • Approximately 30% less mounting area
			
			
<p>SRP1 High-Endurance Solid State Relays</p>	<p>HSAutoLink II Interconnect System</p>	<p>B3FS Tactile Switch</p>	<p>HVA HD400 High Voltage Accessory Connectors</p>
<ul style="list-style-type: none"> • Multipurpose SSRs with superior uptime • High-endurance design • Enhanced operational reliability 	<ul style="list-style-type: none"> • Offers a variety of options to meet application requirements • Includes sealed options for use in environments subject to various exposure levels 	<ul style="list-style-type: none"> • Provide a sharp click and high durability • Tape packing style also available • B32-series Key Tops mount to models with projected plungers 	<ul style="list-style-type: none"> • Capable of handling up to 1000 VDC, and 60 A (at 80°C) • Can withstand transmission-level vibrations • Connector Position Assurance (CPA) for additional security
			
			
<p>TWA Metal Surface-Mount Wi-Fi® Antenna</p>			
<ul style="list-style-type: none"> • Designed for use on metal surfaces • FPCB with adhesive • 1.13mm cable with U.FL compatibility 			
			

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<p>SSD-100A-x Shunt Current Sensors</p>	<p>Dual Entry Card Edge Connectors</p>	<p>TPSMB Asymmetric TVS Diodes</p>	<p>XLN & XLC Series LED Power Supplies</p>
<ul style="list-style-type: none"> • 24-bit isolated shunt current sensor with CANbus or RS-485/MODBUS interface • 100A to 1000A current rating (2kA to 20kA peak) 	<ul style="list-style-type: none"> • Spring gold-plated beryllium copper contacts with a 1mm reduced pitch • Offers high electrical and mechanical performance 	<ul style="list-style-type: none"> • High-reliability application and automotive grade AEC-Q101 qualified • 600W peak pulse power dissipation capability at 10/1000µs waveform 	<ul style="list-style-type: none"> • Constant power design with wide range adjustable current (H type) • Constant voltage output models available (12V/24V/48V)
			
		 <p><small>AUTHORIZED DISTRIBUTOR</small></p>	
<p>DC Power Relays G9EK-1</p>	<p>DD31PS Wire-to-board connectors</p>	<p>Surface Mount NTC Temperature Sensors</p>	<p>ICM0603 Surface-Mount Common Mode Chokes</p>
<ul style="list-style-type: none"> • Achieves 500 VDC, 120 A high capacity with bidirectional switching performance • A compact relay (64.2 x 86 x 47.7 mm (H x W x L)) capable of switching 500 A at 400 VDC max. 	<ul style="list-style-type: none"> • Conductor cross-sections up to 1.5 mm² • Currents up to 8 A • Voltages up to 160 V • Raster: 3,81 mm • Push-in connection technology 	<ul style="list-style-type: none"> • ESA (European Space Agency) Qualified • High Reliability and Excellent Stability • Space Flight Heritage • Flat Surface for ease of mounting 	<ul style="list-style-type: none"> • Wirewound ferrite common mode choke • 10MΩ (minimum) insulating resistance • -40°C to +125°C operating temperature range • RoHS compliant
			
			
<p>SiJK5100E N-Channel MOSFET</p>			
<ul style="list-style-type: none"> • TrenchFET® Gen V power MOSFET • Leadership RDS(on) minimizes power loss from conduction • Enhance power dissipation and lower RthJC 			
			



The IP&E Specialist

Contact TTI today to see what a true specialist can offer.

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