

# New Product Introduction

July - September 2023






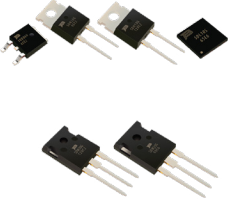









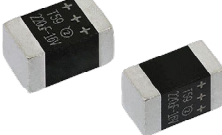


# New Product Introduction

## 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 immense 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.

July 2023

			
<p>BarKlip BK150 &amp; BK500</p>	<p>New SiC Schottky Barrier Diodes</p>	<p>MX80 Waterproof Automotive In-line Connectors</p>	<p>Brad M12 Ultra-Lock L-Code Connector Systems</p>
<ul style="list-style-type: none"> <li>• Contacts with high conductivity copper alloy.</li> <li>• Ultrasonically welded between wire and contact.</li> <li>• Low voltage drop and high reliability.</li> </ul>	<ul style="list-style-type: none"> <li>• Low power loss, high efficiency</li> <li>• Low reverse leakage current</li> <li>• High peak forward surge current (IFSM)</li> <li>• Reduced EMI</li> </ul>	<ul style="list-style-type: none"> <li>• Compatible with 2.54mm pitch pin contacts.</li> <li>• Integrated bracket supports chassis fastening vehicle clips.</li> <li>• 0.64mm standard tab size.</li> </ul>	<ul style="list-style-type: none"> <li>• Delivers four times the power of standard M12 connectors.</li> <li>• Allows installations over a longer distance and reduced voltage drop due to 2.50mm<sup>2</sup> thick wires.</li> </ul>
			
			
<p>DLW21SH Common Mode Chokes</p>	<p>DT Highspeed Sealed Connectors</p>	<p>U5601 Wireless Pressure Transducer</p>	<p>PolyTan Polymer Capacitors T59 Series</p>
<ul style="list-style-type: none"> <li>• Automotive grade</li> <li>• Winding type structure</li> <li>• SMD</li> <li>• Single circuit</li> </ul>	<ul style="list-style-type: none"> <li>• Support channel lengths up to 40 meters with 4 in-line connections.</li> <li>• Thicker cable ranges from 0.35 – 0.50 mm<sup>2</sup> (22 – 20 AWG).</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy Industrial CE Approved</li> <li>• As low as ±0.1% Pressure Non-Linearity.</li> <li>• As low as ±0.75% Total Error Band (TEB).</li> <li>• -10 to 60°C Compensated Temperature.</li> </ul>	<ul style="list-style-type: none"> <li>• Wide capacitance range: 15µF to 470µF</li> <li>• Voltage ratings up to 75V</li> <li>• Patented MAP packaging offers 25% improvement in volumetric.</li> <li>• ESR down to 25mΩ; Multi-anode construction reduces ESR by 50%</li> </ul>
			

# New Product Introduction

August 2023

			
<p>LCC Series Conduction-Cooled AC-DC Power Supplies</p>	<p>PGB2 0201 Series PULSE-GUARD ESD Suppressors</p>	<p>Easy-On FFC FPC Connectors</p>	<p>TCM0403T Thin Film Common-Mode Filters</p>
<ul style="list-style-type: none"> <li>• 1200 W full power at elevated temperatures</li> <li>• Wide operating temperature range (-40°C to 85°C baseplate).</li> </ul>	<ul style="list-style-type: none"> <li>• Fast response time</li> <li>• One line of protection</li> <li>• Bi-directional</li> <li>• Withstands multiple ESD strikes.</li> </ul>	<ul style="list-style-type: none"> <li>• -40 - 125°C operating temperature range meets automotive requirements</li> <li>• Cable retention force of 20N to withstand vibration and shock resistance.</li> </ul>	<ul style="list-style-type: none"> <li>• Thin-film common mode filter based on the thin-film processing techniques and material technology</li> <li>• Has EMC suppression by achieving wide frequency range</li> </ul>
			
			
<p>SiC45x microBuck DC-DC Converters</p>	<p>VOMDA1271 Automotive Photovoltaic MOSFET Driver</p>		
<ul style="list-style-type: none"> <li>• Versatile</li> <li>• Highly configurable</li> <li>• Robust and reliable</li> <li>• Ultrafast transient response</li> </ul>	<ul style="list-style-type: none"> <li>• AEC-Q102 qualified</li> <li>• Open circuit voltage of 8.5 V typical at IF = 10 mA</li> <li>• Short circuit current at 15 <math>\mu</math>A typical IF = 10 mA</li> </ul>		
			

# New Product Introduction

September 2023

			
<p>PIHER - HCSP open-loop busbar current sensors</p>	<p>Xlamp XP-G4 LEDs</p>	<p>MXB12R600DPHFC Power MOS-FET with Co-Pack FRED Diode</p>	<p>3000D Surface Mount Power Inductors</p>
<ul style="list-style-type: none"> <li>• Open loop current transducer based on Hall-effect</li> <li>• Currents from <math>\pm 200</math> A up to <math>\pm 1.500</math> A</li> </ul>	<ul style="list-style-type: none"> <li>• 3000mA maximum drive current</li> <li>• 3-step and 5-step options</li> <li>• Binned at 85°C</li> </ul>	<ul style="list-style-type: none"> <li>• Power factor correction</li> <li>• Switch-mode power supplies</li> <li>• Uninterruptible power supplies</li> </ul>	<ul style="list-style-type: none"> <li>• Low-profile, surface-mount design</li> <li>• 90nH to 155nH inductance range</li> <li>• Up to 80A rated current</li> <li>• -40°C to +125°C temperature range</li> </ul>
			
			
<p>IMB High Load Signal Relays</p>	<p>Wi-Fi 6E FPC Antenna</p>		
<ul style="list-style-type: none"> <li>• Power factor correction</li> <li>• Switch-mode power supplies</li> <li>• Uninterruptible power supplies</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced Costs &amp; Time-to-Market</li> <li>• Quicker Time-to-Market</li> <li>• Reliability</li> </ul>		
			



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

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