

New Product Introduction

April - June 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.

April 2024

			
<p>Refrigerant (A3) R290 leakage detection sensor</p>	<p>Industrial Plugs & Sockets</p>	<p>XLamp® XP-E2 LEDs</p>	<p>TBJ Space Level Tantalum Capacitors</p>
<ul style="list-style-type: none"> • Factory calibrated for up to 2.1% Propane • Linear approximation for 100% of range • No false alarms (caused by other gases) 	<ul style="list-style-type: none"> • Robust & modern design • Complete range of IP67 and IP44 • Plugs, connectors, socket outlets and inlets 	<ul style="list-style-type: none"> • ANSI-compatible chromaticity bins • Reflow solderable - JEDEC J-STD-020C compatible • Electrically neutral thermal path 	<ul style="list-style-type: none"> • 0.10µF to 470µF capacitance range • 4V to 50V rated voltage (VR) range
			
			
<p>1200V Trench XPT IGBTs with Sonic Diodes</p>	<p>HDMI 2.1 Connectors</p>		
<ul style="list-style-type: none"> • Fast switching • High current densities • Low energy losses 	<ul style="list-style-type: none"> • Provide faster speed with a smaller footprint • Data Rate up to 48 Gbps 		
			

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ENW89854ATKF Wirepas Mesh Demo Kit	PMT9085 AEC-Q200 Isolation Power Transformers	6600 Series Subminiature Thermostat
<ul style="list-style-type: none"> • Based on PAN1780 Bluetooth® Low-Energy (BLE) 5.3 module • SMD tactile switch • USB-C™ or battery-powered 	<ul style="list-style-type: none"> • Push-pull/SiC and GaN drive transformer • Multiple turns ratios • Reinforced insulation 	<ul style="list-style-type: none"> • RoHS compliant per EU directive 2002 / 95 / EC • 8-pin DIP international electronic package standard • Ideal for surface and air sensing on PC boards
		

May 2024

			
HCSP-1BS Automotive Open Loop Current Sensors	587 Series Addressable RGB LEDs	Flecto Floating Connectors	MDS01/02-N & MDD01/02-N Medical DC-DC Converters
<ul style="list-style-type: none"> • Busbar mount • Simple / dual analog ratiometric output • ±200A to ±1500A • Galvanic separation between power and control 	<ul style="list-style-type: none"> • Built-in IC • Built-in 20MHz oscillator • Built-in current regulator and three-way drive • Cascading port transmission by a single data line 	<ul style="list-style-type: none"> • Durable and versatile • Floating design improves connections • Improved electrical capabilities 	<ul style="list-style-type: none"> • Medical grade • SIP7 package with international standard pinout • Cost-effective devices
			

			
PCB Power RelayG6QE-1A4 36A Sealed type	EEH-ZL Aluminum Organic Electrolytic Capacitors	High Durability Direct-to-PCB Battery Terminals	E Series Power MOSFET SiHR080N60E
<ul style="list-style-type: none"> • Achieved 10-kV impulse withstand voltage • Power consumption reduced to 12% compared with rated coil 	<ul style="list-style-type: none"> • Large capacitance: with 5 case sizes from 5x5.8mm to 10x10.2mm, up to 170% • Up to 90% higher ripple current 	<ul style="list-style-type: none"> • Tested up to 10,000 mating cycles • Low insertion force (LIF) design • Optional custom assemblies 	<ul style="list-style-type: none"> • Reduced switching and conduction losses • Low effective capacitance (Co(er)) • Avalanche energy rated (UIS)
			

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<p>Amphenol</p>	<p>Amphenol Advanced Sensors</p>	<p>KYOCERA AVX</p>	<p>KEMET a YAGEO company</p>
<p>ePower-lite Mini</p>	<p>RTS Ring Terminal Temperature Sensors</p>	<p>RF Ultra-Low ESR Capacitors</p>	<p>Rectangular Aluminum Polymer Capacitor</p>
<ul style="list-style-type: none"> • Provides high current • Secondary locking mechanism • Multiple keyway options • Compact, light weight design 	<ul style="list-style-type: none"> • Sensing element electrically isolated from the eyelet • Epoxy-coated NTC thermistor chip 	<ul style="list-style-type: none"> • MLCC construction • Copper BME internal electrodes • NP0 temperature characteristics ($\pm 30\text{ppm}/^\circ\text{C}$) 	<ul style="list-style-type: none"> • Rectangular shape for good volumetric efficiency and modular stacking options • Easy use of multiple heat sink options
			
<p>Littelfuse</p>	<p>muRata PS Murata Power Solutions</p>	<p>PANDUIT</p>	<p>VISHAY The DNA of tech.</p>
<p>1600V Rectifier</p>	<p>Isolated DC-DC Converters MPS0117V2NBC</p>	<p>High voltage clamp</p>	<p>VORA1010M4 Solid-State Relay</p>
<ul style="list-style-type: none"> • Improved heat management • Suitable for high power applications • Increased efficiency • Can handle high current surges 	<ul style="list-style-type: none"> • 36V to 75V input voltage range • Regulated 12VDC/17A output • Industry-standard sixteenth-brick with baseplate (optional) 	<ul style="list-style-type: none"> • Heat-stabilized glass-filled nylon • Offer future maintenance convenience • Single and 2-position versions 	<ul style="list-style-type: none"> • 100V load voltage • 100mA load current • 3750VRMS isolation voltage • SOP-4 low-profile package
			



The IP&E Specialist

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

Corporate Headquarters

TTI, Inc.
2441 Northeast Parkway, Fort Worth, Texas 76106 U.S.A.
T: +1 817 740 9000 | F: +1 817 740 9898
E: information@ttiinc.com

European Headquarters

TTI, Inc.
Ganghoferstr. 34, 82216 Maisach-Gernlinden Germany
T: +49 (0) 81 42 66 80 0 | F: +49 (0) 81 42 66 80 490
E: sales@de.ttiinc.com

European Sales Offices

Austria

Vienna
T: +43 (0) 18 79 85 90
E: sales.vienna@at.ttiinc.com

Belgium

Gent
T: +32 9 274 0670
E: sales.belux@nl.ttiinc.com

Bulgaria

Varna
T: +359 52 51 10 59
E: sales.varna@bg.ttiinc.com

Czech/Slovak Republic

Brno
T: +420 541 126 714
E: sales.brno@cz.ttiinc.com

Denmark

Brøndby
T: +45 (0) 43 29 35 35
E: sales.copenhagen@dk.ttiinc.com

Risskov

T: +45 (0) 38 41 31 00
E: sales.copenhagen@dk.ttiinc.com

Estonia

Tallinn
T: +372 664 81 00
E: sales.estonia@ee.ttiinc.com

Finland & Baltic Region

Espoo
T: +358 98 94 65 200
E: sales.finland@fi.ttiinc.com

France

Brive
T: +33 (0) 5 55 92 92 93
E: sales.france@fr.ttiinc.com

Bron

T: +33 (0) 472 81 2030
E: sales.lyon@fr.ttiinc.com

Bruz

T: +33 (0) 2 99 77 60 84
E: sales.rennes@fr.ttiinc.com

La Ciotat

T: +33 (0) 442 84 4142
E: sales.marseille@fr.ttiinc.com

Montigny Le Bretonneux

T: +33 (0) 130 13 7380
E: sales.paris@fr.ttiinc.com

Germany

Berlin
T: +49 (0) 30 8877 40 200
E: sales.berlin@de.ttiinc.com

Dortmund

T: +49 (0) 2301 91 304 0
E: sales.dortmund@de.ttiinc.com

Frankfurt

T: +49 (0) 6102 5999 100
E: sales.frankfurt@de.ttiinc.com

Hanover

T: +49 (0) 5 11 7 80 59 0
E: sales.hannover@de.ttiinc.com

Munich

T: +49 (0) 81 42 66 80 110
E: sales.munich@de.ttiinc.com

Nuremberg

T: +49 (0) 911 9520 0
E: sales.BDG@de.ttiinc.com

Pforzheim

T: +49 (0) 7231 14788 0
E: sales.stuttgart@de.ttiinc.com

Hungary

Budapest
T: +36 1 40 22 111
E: sales.budapest@hu.ttiinc.com

Ireland

T: +353 (0) 21 4808070
E: sales.ireland@ie.ttiinc.com

Israel/Ray-Q Ltd.

Airport City
T: +972 3 975 3333
E: sales@ray-q.com

Italy

Civitanove Marche
T: +39 0733 81 8655
E: sales.milan@it.ttiinc.com

Florence

T: +39 (0) 55 094 63 76
E: sales.milan@it.ttiinc.com

Milan

T: +39 02 822 521
E: sales.milan@it.ttiinc.com

Naples

T: +39 081 4245719
E: sales.milan@it.ttiinc.com

Padova

T: +39 049 7802311
E: sales.milan@it.ttiinc.com

Rome

T: +39 0774 57 1302
E: sales.rome@it.ttiinc.com

Netherlands

Eindhoven
T: +31 (0) 40 290 1616
E: sales.belux@nl.ttiinc.com

Norway

Drammen
T: +47 (0) 92 66 87 66
E: sales.norway@no.ttiinc.com

Poland

Kwidzyn
T: +48 (0) 55 279 67 57
E: sales.poland@pl.ttiinc.com

Portugal

Vila Nova de Famalicao
T: +351 252 493084
E: sales.barcelona@es.ttiinc.com

Romania

Cluj Napoca
T: +40 (0) 733 339 002
E: sales.romania@ro.ttiinc.com

South Africa

Pretoria
T: +27 12 997 0504
E: sales.southafrica@za.ttiinc.com

Spain

Barcelona
T: +34 (0) 93 645 25 75
E: sales.barcelona@es.ttiinc.com

Madrid

T: +34 (0) 91 416 11 90
E: sales.madrid@es.ttiinc.com

Vizcaya

T: +34 (0) 94 623 25 80
E: sales.bilbao@es.ttiinc.com

Sweden

Gothenburg
T: +46 (0) 31 741 12 90
E: sales.gothenburg@se.ttiinc.com

Stockholm

T: +46 (0) 8 594 11 800
E: sales.stockholm@se.ttiinc.com

Switzerland

Baar
T: +41 (0) 41 76741 90
E: sales.swiss@ch.ttiinc.com

Algeria, Egypt & Tunisia

T: +216 (0) 71 862 693
E: sales.tunis@fr.ttiinc.com

Morocco

T: +33(0) 555 92 92 93
E: sales.morocco@de.ttiinc.com

Turkey

Istanbul
T: +90 (0) 216 688 91 75 76
E: sales.turkey@tr.ttiinc.com

United Kingdom

High Wycombe
T: +44 (0)1494 460000
E: sales.london@uk.ttiinc.com

Manchester

T: +44 (0) 161 872 2019
E: sales.london@uk.ttiinc.com

Resellers or Distributors

TTI Connect - Europe
T: +49 8142 6680 168
E: service@tticonnect.com

TTI, Inc. Headquarters Europe



www.tuev-sued.de/ms-zert



IECQ-P BSI 14.0013 (Germany)
IECQ-P BSI 14.0013-02 (Basildon)
www.iecq.org

