



EPCI INTRODUCTION

Tomas Zednicek Ph.D.
president



EPCI | Bringing European Passive Professionals Together



EPCI European Passive Components Institute



www.passive-components.eu

EPCI | Bringing European Passive Professionals Together

The EPCI Institute will become a premium resource of European passive components industry knowledge, prosperity, awareness and prestige growth.

Historical Milestones



2016

- Web site Up & Running
- Wide Industry Awareness
- Agencies, Government Organisation Links Established
- Elektra Industry Award Finalist, representative of 3 companies at ESA
- ESA Capacitor Lecturing, SPCD Programme Committee, Key Note Presentation



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INDUSTRY DATABASE

IN THE NEWS



30A Supply Monitor with Integrated 300 microOhm Sense Resistor



Vishay Thin Film Chip Resistors Features 1 W Power Rating in Compact 0612 Case Size



EPCI Makes the Shortlist for Elektra 2016 Awards

EVENTS CALENDAR

- 12/10/2016 - 14/10/2016: [Space Passive Component Days](#)
- 08/11/2016 - 11/11/2016: [electronica Munich](#)

NEWS / DOSSIERS

EVENTS

EPCI e-PassiveBook



e-PassiveBook is a live Passive Components Handbook with details on components construction, characteristics, reliability etc dedicated to engineers as well as graduate students and wide public.

ePassiveBook®

INTERVIEW OF THE MONTH



EPCI Interview with KEMET CTO Philip Lessner on Passive Component Trends

INTERVIEWS

COMPANY FLASH NEWS

Find Out Company's Hot

- Key Technical Advantage
- Hot / Best Product

click on the company's LOGO to learn more



COMPANY FLASH

ANNOUNCEMENTS

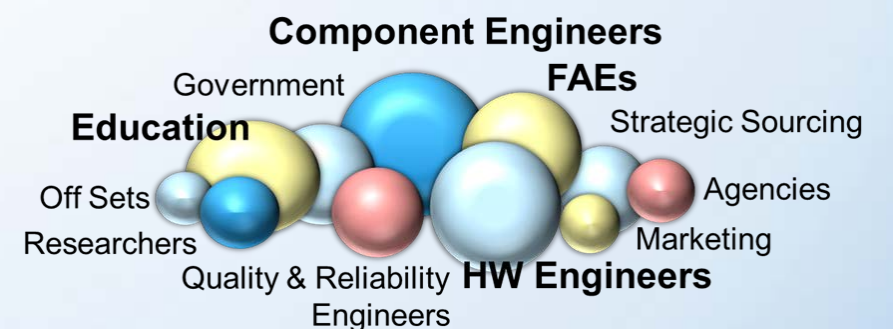
- [EPCI Makes the Shortlist for Elektra 2016 Awards](#)
source: EPCI, Electronics Weekly The European Passive Components Institute has been sel...
- [EPCI Introduce "Interview of the month" to its website](#)
source: EPCI European Passive Components Institute has introduced its first Interview of the Mont...
- [ESA Space Passive Component Days Programme Issued & Registration Opened](#)
source: EPCI, ESA The European Space Agency (ESA) is glad to publish preliminary program and invite...



SPONSORS



Target Group Benefits
(end customers, manufacturers, students)





Support Tools

European Passive Industry Database



database of European passive components manufacturers, distributors, testhouses and universities with passive component continuous research projects

e-PassiveBook



on-line passive components handbook based on famous P-O.Fagerholt's CLR handbook

e-Symposium



Searchable database of passive component technical papers. The papers can be packed in a simple software into a symposium like chapters

Others

- collection of daily worldwide passive components news
- passive components dossier (Q3CY16)
- interviews, Q&A, museum, stories
- hot company news, event calendar
- passive components consultancy services
- job offer announcement etc.

25.4. 2016	Community Conference
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EPCI European Passive Components Institute



MANUFACTURERS

Industry Database - Example

Company Name	Group Company	Size	Registration	Products	Application	Location	Manufacturing sites
AB Elektronik	TT Electronics	Global		motion sensors, potentiometers, pressure sensors, temperature sensors, trimming resistors	automotive, industrial		
ACP		Global		potentiometers, trimming resistors	automotive, consumer, industrial		
Alpha3		SME		EMC, filters, inductors, transformers	industrial, telecom		
				inductors, potentiometers, sensors	automotive, consumer, industrial, medical, telecom		
				motion sensors, potentiometers	industrial		
				humidity sensors, pressure sensors, sensors	aerospace, automotive, industrial, medical		
				filters, power capacitors	defence, industrial, medical		

European Passive Components Institute

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MANUFACTURERS

BD SENSORS s.r.o.

Group company:

Former name:

Size: SME

Daughter company:

Application: aerospace, industrial

Web site: <http://www.bdsensors.eu>

Location:

Certification: ISO 9001 quality

Description: BD SENSORS is a mid-sized, owner-managed company, which attaches great importance to independence and sustainability. Founded in 1994 / 1995 by Mr. Denndörfer, Mr. Marecek, and Mr. Simonik with only five employees, BD SENSORS became one of the major global providers of electronic pressure measurement devices within just a few years

Manufacturing Sites:

Component	Certification	Location
pressure sensors	ISO 9001	

overview of more than 120 EU based manufacturers based on public search

registered manufacturers are presented as „verified“ information with website link (free for SMEs in 2016)



People

Dipl.-Ing. Tomáš Zedníček Ph.D., Czech Republic

email.: tom@passive-components.eu

- Electrotechnology Degree by Technical University of Brno, Czech Republic in 1993
- Ph.D. in Tantalum Capacitors in 2000
- > 21 years working for tantalum capacitor manufacturer
- > 15 years in position of Worldwide Technical Marketing Manager
- more than 60 technical papers and 1 US/international patent
- 4 outstanding/best award technical papers at CARTS passive component conference
- 2005 Dr. Zandman award for a great contribution to passive component industry
- Lecturer of capacitor technologies, presentation skills and inter-culture communication
- July 2015 - Founder of the European Passive Components Institute



President & Founder

Dominique Vignolo, France

- DUT Genie Electrique option Electronique (IUT Nice, France) in 1977
- Field Service Manager for 10 years
- 22 years working for resistor manufacturer
- 13 years in position of Worldwide Global Product Marketing Manager for High Precision Products
- Technical papers about high precision products specially in high temperature and space applications
- Manufacturers' representative at ESA CTB Passive Component Technology Board for five years
- Marketing skills (launching of marketing operations, organization of exhibitions)



Dipl.-Ing. Reiner W. Kühl, Germany



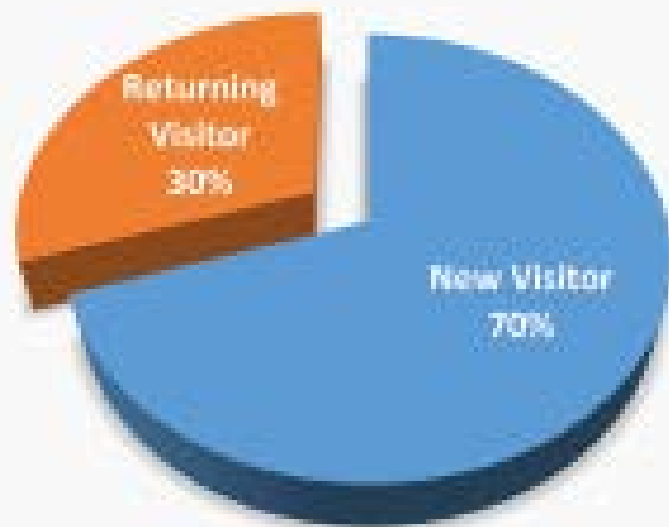
- Dipl.-Ing. degree in Physics by University of Applied Science in Luebeck, Germany in 1973;
- > 25 years product and process R&D, working for thin film resistor manufacturers;
- 15 years in position of Technology and Quality-Customer-Service Senior Management;
- More than 20 technical papers and 1 European / international patent;
- 2 Outstanding Paper Awards at CARTS passive component conferences;
- 2000 Highly Commended Award from the LITERATI Club of MCB University Press;
- 2008 Dr. Felix Zandman Passive Electronic Components Industry Technology Award for Recognition of Acknowledged Industry Leadership & Perseverance of Vision;
- Expertise in components' reliability & failure analysis, thin film resistors' technology (MELF, chip), barrel electroplating, electro-isolation lacquer, laser machining, etc.

***External
Co-Operators***



10 month Website Visitor Statistics

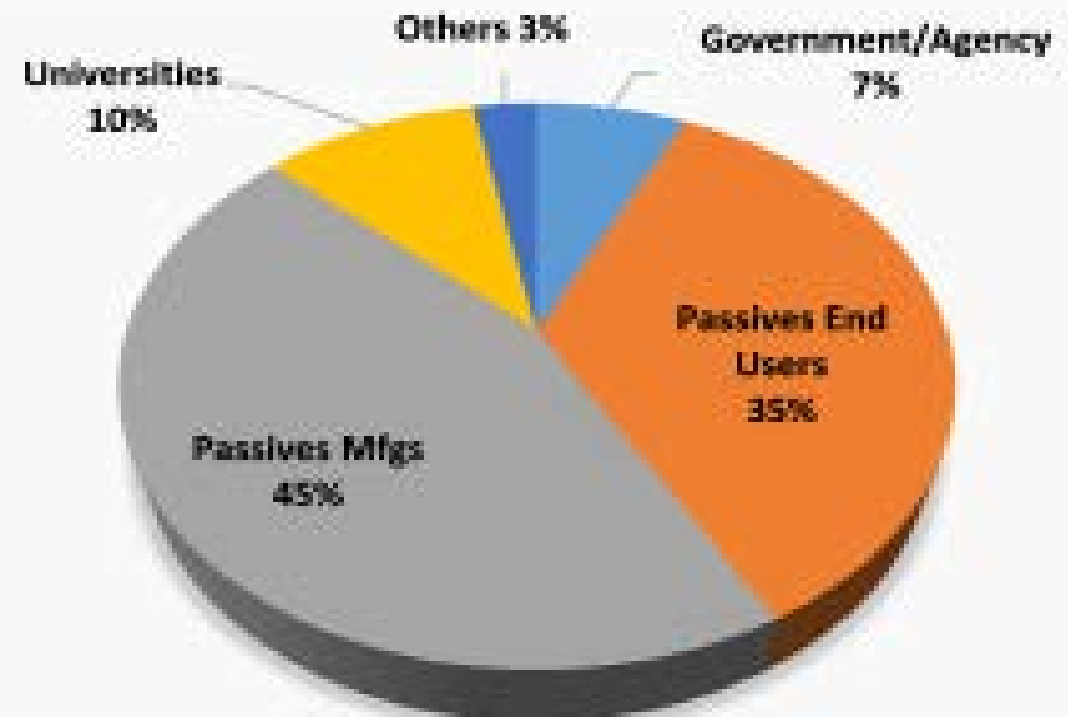
EPCI website Visitor Statistics



- typically more than 600 new website visitors monthly
- 30% regular return rate.
- visitor growth rate about 5-25% each month.
- LinkedIn EPCI site articles read typically 300 to 600 people

Visitor entity share approximately

- 7% government/agency
- 35% end customers
- 45% passive component industry
- 10% universities
- 3% others.



EPCI website Visitors Profile



since September 2016 EPCI is providing space products consultancy to the following companies:



leading global supplier of passive components



- Czech SME company
- pressure sensors & measurements from 1 mbar to 6.000 bars
- development of hydrazine, MON, NMH, Green Propellant, IPA, GHe, GN2, GXe, Deionized H2O, HFE pressure sensors



INNOVATIVE SENSOR TECHNOLOGY

since 1991

- Swiss SME company
- thin-film RTD temperature sensors, capacitive humidity sensors, mass flow sensors and conductivity sensors
- ESA qualification of platinum high vibration resistant thin film temperature sensors (replacing conventional wire-wound sensors)



Acknowledgement

Sponsors

Gold





Bronze



INNOVATIVE SENSOR TECHNOLOGY
since 1991



Partners & Clients

 European Space Agency				
ESA	VISHAY	VALEO	TTI, Inc.	HONEYWELL
				
FEE UWB	FEEC BUT	IMAPS Cz&Sk	SIX FEEC BUT	CEITEC BRNO

Thank You

more info at

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