

The GAZETTE

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N°1

Amphenol Socapex

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The Gazette gets a new look

The Gazette is evolving in 2012. There will be four editions a year with new sections, a new design and always more useful information to help you realize your projects.



"Innovative, reliable and rugged products for harsh environments"

NEW

PRODUCTS

New

Documentation

RJ Field catalog of 128 pages including the latest products for rugged Ethernet, USB solutions and switches

A 4-page brochure of the full range of Board Level Products

Amphenol Socapex corporate brochure in French and English

A CD compiling all our catalogs, brochures, logos, videos

If you need any documentation, send an email to contact@amphenol-socapex.fr

Rugged USB 3.0 keys - 8,16,32 & 64 Go

Our reinforced USB 3.0 keys, derived from MIL-DTL 38999 series III, are IP 68 and can resist harsh shocks and vibrations. The 38999 coupling mechanism is capable of registering and transferring data in the most extreme conditions. The USB 3.0 keys were tested according to MIL-STD810F norm and are compatible with any USB 2.0 port & USBFTV series receptacles.



Thermal Clamps

Designed to manage heat dissipation and boards' guiding in harsh environments, our thermal clamps are used for display units and on-board computers in military and commercial avionics. They ensure the thermal coupling between the heat sink of the printed circuit board and the cold wall of the box or of the backplane. They allow the guiding of the boards in its locations and the locking of the daughter boards into the right position relative to the mother board by a 1/4 turn. Their main benefits are: ease of use, safe in vibration, low-weight and space saving.



Composite CTV35 backshells (from ABS2216 norms) for EN3645-JD38999-CTV connectors

Dedicated to aerospace and military markets for harness connectors, the CTV35 is a composite backshell for EN3645-JD38999-CTV connectors. Three types of configuration are available, straight/45°/90° in nine different sizes with the option of EMI shielding. Lightweight and handling temperature from -65°C to 200°C, the CTV35 has an anti-decoupling system for a quick installation when used in environments with shocks and vibrations.



Our new website is online

User-friendly with a new design, our new website allows you to find all the info you need in a few clicks. We also have online forms to handle your sales or technical requests.

www.amphenol-socapex.com

Events

Amphenol Socapex will be exhibiting at the following trade-shows:

May 24-25, 2012
CYCLATOM,
Cherbourg, France
Dedicated to nuclear technology

June 11-15, 2012 -
EUROSATORY, Paris, France
Dedicated to security and defense. Come and see us in Hall 6, booth D190

Did you know?

Amphenol Socapex is the primary provider of connectors integrated into the Rafale of Dassault.



AMPHENOL SOCAPEX KNOW-HOW

SCREW MACHINING

Screw machining operations

Our screw machining operations based in Thyez work independently. They manage both internal requests for Amphenol and demands from outside companies.



Quick facts:

- A park for all series from 1 to 100 000 pieces, and more. Maximal diameter workable: 10mm
- Machined parts with slots, milling, axial holes, radial or eccentric holes, thread, tapping, contacts with wire wrap terminations and winchester.
- Deburring and polishing by tribofinishing or dry sand blasting.
- Heat treatment under controlled atmosphere (beryllium copper). Local induction annealing on contacts.
- Standard metal on stock: beryllium copper, brass, brass for crimping, steel, stainless steel.
- Capability to have a combined project with plating including cadmium plating, electroless nickel-plating, nickel + gold plating, silver plating, tin plating, passivating for stainless steel.
- Quick turn-around: quick delivery for small quantities.
- For more information, please contact Antoine Tribou, +33(0)4 50 89 28 65 antoine.tribou@amphenol-socapex.fr



Success Stories



US AIR FORCE

Our customer data transfer unit is outfitted onto the USAF's KC-135 Stratotanker. As part of a design update, our customer is using our USB memory key on an external box that interfaces with the primary DTU unit. The key loads mission data to the aircraft during preflight, then stores flight information while in the air.

Amphenol Socapex ready for high-speed and high frequency

Our engineering laboratory has new a Vector Network Analyzer (VNA). Equipped with a time domain option for reflectometries (TDR) and 4 ports for differential measure-

ments, the VNA provides us with detailed analysis and assessments in the frequency domain, through the S-parameters (attenuation, reflection, crosstalk, resonances). This high-performance device successfully complements to all our electromagnetic simulation designing tools.



Did you know ?

PRODUCT FOCUS



HD 38999 : A multirole connector

Micro-miniature connectors available on the market don't all offer the same performance causing some users to have unfortunate experiences. Selected by many companies in Europe and overseas, the HD38999 connector has been acclaimed for its technical performance and the service provided by Amphenol Socapex. Providing 45% more contacts in a standard MIL-DTL-38999 shell, the HD38999 is the only connector that provides the same performance as the MIL-DTL-38999 serie III.

The aluminium, composite, marine bronze and some of the SC39 lanyard versions have been sold for more than two years. Based on our customers' requests, we have also adapted these inserts and contacts in derivative shells. Our adaptation abilities give us the opportunity to propose modified products integrating these inserts and HD38999 contacts at a very affordable price: plugs with integrated back-shell, stand-off for printed circuits, rack RNJLP versions.

The HD38999 is complementary to the MIL-DTL-38999 Serie III connectors, sometimes used on the same printed circuit board (the lengths of contacts are compatible). The connector is ideal for aircraft board applications, missiles, radio equipment, armoured vehicles...

Go ahead and adopt HD38999 today !

"PEOPLE MOVING!"



Jessica Moniz is replacing Sandra Lopez as a sales assistant during her maternity leave.

Andrea Scheer is starting as a sales assistant replacing Sylvie Upravan who now works in International procurement within the Supply Chain department.



Virginie Pastore is now Product Manager assistant - cylindrical connectors within the Security and Defense division

Isabelle Montmasson is becoming Product Manager assistant - cylindrical connectors within Aerospace division.



Did you know ?

Mainly used for 100% electrical vehicles' batteries, the Ergon connector can be found in some other surprising applications!



And also in automobile race-tracks or ice-driving.