



CUSTOMER NEWSLETTER

Newsletter Feature Addition – For Buyers – The EMA Newsletter will add an extra page at the end specifically for buyers. It will list distributors for the EMA lines and note any pertinent lead time information or product obsolescence issues that we are aware of.

Acme Electric – Magnetics – Acme Electric is a collection of three companies owned by conglomerate Actuant Corp. Operating under the Acme Electric umbrella are: Acme Electric - a manufacturer of low voltage (600V and below) dry type **distribution transformers**, Amveco Magnetics – the largest manufacturer of **toroids** in the western hemisphere and Actown-Electrocoil – a manufacturer of **transformers, inductors and coils**. Acme has also just released their new low cost **DIN-rail power supply** product line. To launch this new offering they have set up a mini web site at www.acmedinps.com. The other web sites are all still separate with links to the sister companies. www.acmepowerdist.com, www.amveco.com and www.actown.com

Advanced Monolithic Ceramics (AMC) – Capacitors – AMC, a Johanson company, based in Olean, NY should be the name you think of for **high temperature applications**. Offering leaded radial capacitors which operate at **250C** and switch mode stacked caps up to **200C**, AMC has built a reputation for quality and reliability in the power supply, jet engine control, geophysical probe and oil well logging (down hole) applications. The AMC web site is: www.amccaps.com

Cosmotronic – Printed Circuit Boards – If you know the name Cosmotronic you may associate it with a 35 year old company who produce bare circuit boards for the military market. While both things are true, Cosmotronic has evolved over time into a state of the art producer of high tech rigid, flex and rigid/flex boards. They are also engaged in **IPC class II** and **class III** work, **not just military**. They are also **AS9100 certified** which should be of great interest to anyone who is a sub-contractor to Boeing. Their parent, JR Controls, has no debt and is strong financially. They also have a sister company, Winonics, with two locations. EMA reps all three facilities which are located in California. They specialize in prototype, mid volume production and offer quick turns on high tech products. The web sites are: www.cosmotronic.com and www.winonics.com

Isodyne – Connector back shells – Isodyne's **tool-less braid EMI back shells** are finding applications at new customers every week. Their ease of use combined with the elimination of solder sleeves in many applications has made them a popular choice. New products are coming out fast and furiously, so if you don't see what you need on their web site, please call. Many of the newer products are not posted there yet. Aside from producing their innovative spring band slotted back shells, Isodyne also will do kits that could include shrink boots, shrink tubing, connectors, wire, braid etc. which can be pre-cut and ready to use. They also wanted us to tell you that they have dust caps which are available with or without lanyards. To learn more contact EMA or visit: www.isodyneinc.com



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Kaga Electronics – Power Supplies – Kaga (Volgen Power) has introduced two new series of DC/DC converters. The MSD15 (15W) series features 18-36VDC and 36-75VDC input and either +-12VDC or +-15VDC outputs. The product is sealed in a PBT plastic case measuring 25.4 X 25.4 X 10 mm. The MSS15 (15W) series has the same features but is offered in single outputs of 3.3V, 5V, 12V and 15V. Both series have a 3 year warranty. The Volgen web site is: <http://www.volgen.com>

NDK America – Crystals & Oscillators – NDK has released two new high frequency oscillators. The NV7050SA (VCXO) and NP7050SA (XO) both operate at 3.3V, have an operating temperature of -40+85C and have PECL outputs. The package is a standard 5 X 7 mm. The NV7050SA is available in frequencies from 170 to 700 MHz and the NP7050SA is available in frequencies from 313 to 700 MHz. Both feature low jitter and phase noise and are ideally suited for SONET, SDH and Gb Ethernet applications. At the time of printing, the data sheets were not yet posted on the web site, so contact your EMA salesperson for the full specifications. NDK's web site for other product information is: <http://www.ndk.com>

RO Associates – Power Supply Bricks – RO Associates is a new line for EMA but the company has been manufacturing power supplies for over 40 years. In 1990 they entered the **high density industrial grade brick power supply** market and that product area has become their main focus. RO offers both AC/DC as well as DC/DC supplies. Some of their products can operate at military temperatures (-55 to +125C) but are not currently mil approved. To learn more check out their web site: www.roassoc.com

Synergy Microwave – VCO's/Synthesizers – Synergy has reprinted their **Innovative Products** short form catalog. They have been so busy designing new products that their literature has not kept up. Hard copies are now available from your EMA salesperson or you can download a pdf version from their web site: <http://www.synergymwave.com> Their small VCO's made the cover story for the December issue of Microwaves & RF Magazine as well as being selected as one of the top products of 2008.

TennMax USA – EMI/RFI/Thermal Solutions – TennMax has a new selection guide available in pdf format for their thermal pad materials. With products ranging from 1.2 W/mK to 7.8 W/mK TennMax will sell their materials in sheet stock or will die-cut to your specifications. They also released a design guide for form in place (FIP) gasketing. TennMax, a Taiwanese company, is the largest dispenser of FIP gasketing in the world. Please contact your EMA sales rep for a copy. The TennMax web site is: www.tennmaxusa.com



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Distribution Information:

Acme Electric (Acme, Actown, Amveco) – [DigiKey](#), [Go Electronics](#)
AMC (Advanced Monolithic Ceramics) – [Arrow](#), [LXI](#), [Newark](#), [Simcona](#), [SMD](#)
Cambion – [Bisco](#), [Century Fasteners](#), [GE Supply](#), [Heilind](#), [Newark](#)
Cosmotronic – None – [send Gerber data to quote@cosmotronic.com](mailto:quote@cosmotronic.com)
Isodyne – [Mil-Stock](#), [SEA Wire & Cable](#)
Kaga Electronics (Volgen Power) – [DigiKey](#) – [send quotes to mburks@volgen.com](mailto:mburks@volgen.com)
Maglayers – [Edge](#), [Projections Unlimited](#)
NDK – [Dependable](#), [WPG Americas](#) (formerly [Jaco](#))
Rectron – [Chris Electronics](#), [Edge](#), [Mouser](#)
RF Lambda – None – [send quotes to michael@rflambda.com](mailto:michael@rflambda.com)
Riedon – [DigiKey](#), [NRC](#), [Richardson](#)
RO Associates – None - [send quotes to your EMA sales rep](#)
Synergy Microwave – None – [send quotes to garcia@synergymwave.com](mailto:garcia@synergymwave.com)
TennMax USA – None – [send quotes to jeff@tennmaxusa.com](mailto:jeff@tennmaxusa.com)
Volgen Power – [see Kaga Electronics](#)
Winonics – None – [send Gerber data to rfq@winonics.com](mailto:rfq@winonics.com)

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