

## Multi-position Switch



The QK series of coaxial multi-position switches feature K type connectors that operate in a frequency range from DC to 40

GHz. Available actuator options include normally open and TTL circuitry with integrated indicator circuits. Terminated models are also available with the 2.4 mm connector. Features include: an RF impedance of 50 ohms nominal; operating temperature of -35° to +85°C ambient; operating life of 1,000,000+ cycles; switching time of 15 mSec maximum; a switching sequence of Break Before Make; and is designed to meet MIL-E-5400 and Mil-S-3928.

**Ducommun Technologies Inc., Carson, CA (310) 513-7214, [www.dt-usa.com](http://www.dt-usa.com).**

**RS No. 216**

## Fixed Chip Attenuator



EMC Technology introduces a new high frequency, wire bondable chip attenuator, KFA. Designed with the KTVA foot-

print in mind, this component offers a flat attenuation from 16 to 36 GHz. The KFA chip attenuator can handle 200 mW and is available in 1 to 10 dB with an operating temperature from -55° to +150°C. The KFA is also available for high-reliability applications under the HRKFA part number with Group A, B and C life testing according to Mil-PRF-55342. This new attenuator is available with gold wire bondable terminals and a platinum silver, solder attachable ground plane in an ultra miniature chip size of 0.065" x 0.120". The KFA ultra broadband attenuator is available for immediate delivery.

**EMC Technology, Stuart, FL (800) 544-5594, [www.emct.com](http://www.emct.com).**

**RS No. 217**

## Pseudo Elliptic Bandpass Filter



KR Electronics introduces a 550 MHz pseudo elliptic bandpass filter. The filter offers a typical insertion loss of 3.5 dB, a 3 dB

bandwidth of 55 MHz and a 60 dB bandwidth of 100 MHz. The use of pseudo elliptic type filters at bandwidths as low as 10 percent allows performance not easily attainable with all-pole filter types. The filter is supplied in an SMA package measuring 0.6" x 0.6" x 2.25" and can also be supplied in a surface-mount package. The filter can be customized for other center frequencies and bandwidths.

**KR Electronics Inc., Avenel, NJ (732) 636-1900, [www.krfilters.com](http://www.krfilters.com).**

**RS No. 218**

## PCS Combiner Diplexer



The WP-E026-O is a combiner diplexer that covers the lower 700 MHz band and PCS frequencies. The combiner diplexer exhibits less than 0.3 dB of insertion loss

across the passbands of 698 to 746 MHz and 1850 to 1990 MHz while providing greater than 80 dB of isolation. The unit measures 8" x 5" x 3", meets IP67 weatherproofness and is available from stock.

**Lorch Commercial and Wireless, Salisbury, MD (410) 860-5100, [www.lorchwireless.com](http://www.lorchwireless.com).**

**RS No. 220**

## Fixed Attenuators



The 615 series attenuators feature attenuation values to 90 dB in a single package. These RoHS compliant, fixed attenuators are available

in N-male/female configuration covering all commercial wireless bands from DC to 2 GHz. Indoor/outdoor use with 2 W average (1 kW peak) power handling. Standard attenuation values of 40, 50, 60, 70, 80 and 90 dB available from stock to four weeks ARO. These attenuators are made in the USA and offer a 36-month warranty.

**MECA Electronics, Denville, NJ (973) 625-0661, [www.e-meca.com](http://www.e-meca.com).**

**RS No. 221**

## Power Connectors



With a 40 amp max current rating, Phoenix's Power Connectors are designed to meet the increasing system power require-

ments that are driving the need for improved current density. Contacts are screw-machined for precision, high-reliability and high-current applications. Features include: single power connector accommodates a maximum of 40 amps based on a 20°C temperature-rise with zero airflow; secure, push-on snap facet for easy and quick mating; available in board-to-board and cable-to-board configurations; SMT, Cable and through-hole designs; pick-and-place and tape-and-reel versions; and custom cable assemblies are also available.

**The Phoenix Co. of Chicago, Wood Dale, IL (800) 323-9562, [www.phoenixofchicago.com](http://www.phoenixofchicago.com).**

**RS No. 223**

## Threshold Detector



Model TD-30T-SHS-218-30DB-AMP Options DAC, DS, is an ultra-high speed, high sensitivity threshold detector designed for broadband applications in the 2 to 18 GHz frequency range. This model offers an eight-bit digital control to adjust the threshold level and has TTL output. Size: 2.5" x 2.0" x 0.5" and the power supply is ±12 V.

**Planar Monolithics Industries, Frederick, MD (301) 631-1579, [www.planarmonolithics.com](http://www.planarmonolithics.com).**

**RS No. 224**

## Wideband Bandpass Filter



The 11AS-6/18.16G-11 is a wideband bandpass filter that offers a passband of 6 to

18.16 GHz. Featuring loss of 1 dB and rejection in excess of 60 dB, this unit is perfect for portable or "hi-rel" applications.

**Reactel Inc., Gaithersburg, MD (301) 519-3660, [www.reactel.com](http://www.reactel.com).**

**RS No. 225**

## High Power Directional Couplers



These high power directional couplers offer accurate coupling, low insertion loss and

high directivity in a compact package. The standard units are optimized for 2 octave bandwidths and are available with a choice of coupling values. These units are ideal for sampling forward and reflected power with a negligible effect on the transmission line and very low intermodulation products.

**RLC Electronics Inc., Mount Kisco, NY (914) 241-1334, [www.rlcelectronics.com](http://www.rlcelectronics.com).**

**RS No. 226**

## PA Duplexers



The TRITUM II PA-Duplexer Module™ family includes the TQM663029A, (PCS band), the

TQM613029 (cellular band) and the TQM653029 (AWS band). Together with TriQuint's SP3T antenna switch, GPS LNA/filter module and RF filters, the TRITUM II PA-Duplexers™ provide customers a complete front-end solution for multi-band CDMA handsets. Utilizing in-house technology enables TriQuint to offer a solution that is more cost-effective, more efficient and half the size of solutions comprised of discrete components.

**TriQuint Semiconductor Inc., Hillsboro, OR (503) 615-9000, [www.triquint.com](http://www.triquint.com).**

**RS No. 227**