Thank you for subscribing! You are receiving this email because you have expressed an interest in Renaissance Electronics & Communications, LLC/HXI, LLC. Don't forget to add sales@rec-usa.com to your address book so we'll be sure to land in your inbox!

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Renaissance Electronics/HXI Wireless Edge Newsletter

May/June 2020

Renaissance Receives Gold Tier Supplier Award from BAE

REC is very proud to announce we won a Gold Tier Award for exceptional performance and contributions to supply chain success in 2019 for BAE Systems' Electronic Systems sector. We were selected from a pool of more than 2,200 suppliers that worked with the sector in 2019. Thank you to our employees and partners for the teamwork that allows us to be in such great company!

For more information about Renaissance/HXI products contact us at 978-772-7774 or visit www.rec-usa.com / www.hxi.com

In Memoriam Pat Boyd

(by Earle Stewart, HXI GM):

I first met Pat Boyd at Alpha Industries/TRG in 1978; I was fresh out of school, but he had already been at TRG for several years and at Microwave Associates (now MACOM) before that. Even though I had a boss and there were other experienced engineers around, it was Pat that I learned from the most.

Read more...
**HXI's Waveguide Isolators & Circulators**

The HMI and HMC series broadband ferrite junction isolators and circulators are available from 18 - 120 GHz. They utilize a low loss H-plane structure in a modified Y-junction format to provide minimum loss with maximum isolation and bandwidth. 2 GHz bandwidths with 20 dB of isolation are standard. Wider bandwidth, high power handling and magnetic shielding are available in select units.

**HMI-HMC Datasheet**

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**1.2 - 1.4 GHz Surface Mount Circulator L-Band**

For use in various applications, including radars, GPS, radio and aircraft surveillance, Renaissance has designed this L-Band surface mount circulator. Operating at 1.2 - 1.4 GHz, this high power circulator handles 350 W of power while maintaining its high isolation and low insertion loss.

**3SMC3NAF Datasheet**

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**DC - 3.0 GHz Hermetic SPDT Switch**

For space and harsh environments, Renaissance has developed a truly hermetic SPDT switch that is laser welded with fine leak rate compatible to 10-5 atm/cc/sec. The inside is filled with inert gasses to avoid any condensation at cold temperatures.

**RSM-2D-H-28 Datasheet**

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**5G Development and Testing Products**
Need products to support your 5G communication development and testing efforts? Look no further! Renaissance and HXI can provide a wide array of products to fit your needs.

### REC 5G Products

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<th>Product Name</th>
<th>Frequency (GHz)</th>
<th>Isolation (dB)</th>
<th>Stopband (dB)</th>
<th>Reflection (dB)</th>
<th>Insertion Loss (dB)</th>
<th>Combiner Bar</th>
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### HXI 5G Products

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Yes, we have standard radios at 60 GHz (V-Band) and at 70/80 GHz (E-Band), but aren’t there times when standard just won’t do? When you need a radio for a unique purpose, choose HXI to configure your link.

**Radio Brochure**

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**REC/HXI Product Lines**

**DC to 300 GHz**

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**REC Parts Catalog**

Renaissance has created a new electronic catalog. It is a downloadable, searchable spreadsheet of our parts. Easy tool to sort, search and locate the perfect part for your needs. If you don’t see what you need, just call or email us!

**Renaissance Catalog**

For more information about Renaissance/HXI products contact us at 978-772-7774 or visit [www.rec-usa.com](http://www.rec-usa.com) / [www.hxi.com]

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Renaissance Electronics & Communications LLC/HXI LLC | 978-772-7774

sales@rec-usa.com | [http://www.rec-usa.com](http://www.rec-usa.com) | [http://www.hxi.com](http://www.hxi.com)

12 Lancaster County Road, Harvard, MA 01451

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