



## PRESS RELEASE

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### **“Chill Out” with TopLine’s President Martin Hart to Discuss Cold Electronics at SPWG 2025**

*El Segundo, California, USA* - Braided Solder Columns can withstand the rigors of deep space cold and cryogenic environments, and represent a robust new solution to challenges facing next generation large packages in electronics assembly. On May 6, Martin Hart, President of TopLine Corporation and holder of multiple patents in the field of electronic components, will present “Braided Solder Columns for Cold Electronics - Moon, Mars and Beyond” at the SPACE PARTS WORKING GROUP (SPWG) 2025, an international forum in El Segundo, California, to disseminate information to the aerospace industry and to resolve problems with high-reliability electronic piece parts needed for space and missile applications. In-person attendance will be held at The Aerospace Corporation, 210 S. Douglas Street, El Segundo, CA 90245.



*Martin Hart*

“Braided Solder Columns are non-collapsible, robust and compliant structures used for reducing stress caused by CTE mismatch,” Hart says. “Columns are more reliable than solder balls, especially when connecting large-size chip packages to PC Boards operating in cryogenic environments. Additionally, they are available with lead for Aerospace & Defense applications, but also available in lead-free designs for RoHS AI Datacenters, for example.”

For more information, contact TopLine Corporation at 95 HWY. 22 W., Milledgeville, GA 31061 USA  
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#### **About TopLine**

TopLine manufactures a wide range of solder columns for CCGA semiconductor packages, and provides Daisy Chain CCGA packages for engineering development, profiling and practice. TopLine products provide hands-on learning for engineers. TopLine is a pioneer in CGA solder columns technology and low temperature cryogenic package-to-board interconnects. TopLine is also a supplier of bonding wire for many semiconductor uses and for EV applications. To learn more, visit [www.CCGA.tv](http://www.CCGA.tv) or call (1+) 800 – 776-9888.

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