

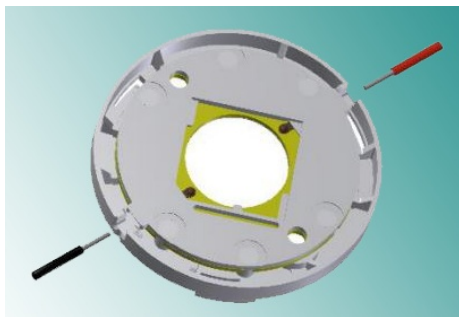


Bender +Wirth's New COB Holder Hybrid Offers LED Design Flexibility

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Specifically designed to improve heat transfer to the heatsink

BENDER +WIRTH NRC Electronics is proud to announce BENDER +WIRTH's new 630 COB (Chip On Board) holder. The modular concept is designed to accommodate an infinite combination of COBs and optics.



BENDER +WIRTH's new COB holder is specifically designed to improve heat transfer from the COB to the heatsink and thermally disconnects the optics. The program starts with 120 different variations.

Because of the mechanical integrity of **MICANITE**, the COB actually operates at a lower temperature, which helps prevent premature LED failure. Clip in function and push-in terminals make the holders

convenient for high levels of production, while offering an impressive temperature resistance (and form stability) of up to 600 degrees Celsius.



Micanite is the name given to sheet material which is made up of



Most existing holders are made of PBT. Unfortunately, this type of material carries a risk of decreasing contact pressure, and is vulnerable to UV & blue light. In addition, it is only form stable up to 65 degrees Celsius, with a limited, temperature resistance of up to 150 degrees Celsius.

fine **mica** lamellae, called "splitting's", bonded together by a variety of bonding agents such as Shellac, epoxy, alkyd or silicone, in order to obtain particular characteristics for specific uses.

CERTIFICATES

UL 8754
CAN/ULC-S8754
DIN EN 60838-1

BENEFITS

UV & Blue Light Resistant
Heart of Stone
Superior thermal performance

VDE Certificate No. 40050075
UL- File E472943

630 DATA SERIES SPECS

[631 COB Holder](#)

[632 COB Holder](#)

[633 COB Holder](#)

[Technical Guide](#)

** More datasheets are available*

Absolute dimension stable
Prevents premature LED failure
Modular plastic housing:
Suitable for most COBs
Integrated optical interfaces
Generates cost benefits
Push-In terminals / COB clip-in function
Zhaga fixing points
Form Stable up to 600 Deg C
Temp Resistant up to 600 Deg C

ALSO IN THE NEWS

NRC Announces New Mid-Atlantic Regional Account Manager

NRC is extremely excited to announce the hiring of Ron Hall, as the new Mid-Atlantic regional account manager. He brings experience, excitement, and determination to a team that is on the rise in the components industry. NRC Electronics is building a team that holds customer service first - while providing a positive distribution experience.



According to Ron, "I have been in the LED lighting and semiconductor components industry since 2005, with experience working for companies such as Cree LED, Hatch Lighting, and Universal Lighting Technologies, to name a few. I have always been highly focused throughout my career on customer satisfaction, quick response, and helping my customers to find solutions that bring value to their supply-chain and reduce their constraints."

Ron grew up in central Pennsylvania, graduated from Lock Haven University of Pennsylvania with a B.S. degree in Management Science, and now resides in Harrogate, Tennessee (north of Knoxville) with his wife and two children, ages 9 and 7. When he is not working, he enjoys spending time with family, traveling, doing DIY projects around the house, grilling and smoking meats, ATV riding, and coaching his kids' AYSO soccer teams. He is also working toward receiving his MBA from Lincoln Memorial University in Harrogate, TN.

"I am looking forward to meeting and working with all my new NRC and JARO thermal customers in the Mid-Atlantic region, which includes the states of PA, DE, MD, WV, VA, NC, SC, TN, AR, OK, KS, MO, the southern halves of IL, IN, and OH, and the District of Columbia" said Ron. "Please feel free to [contact me](#) and let me know how I

can assist you."

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