

**THE DF59S SERIES:
A MONO-POLE CONNECTOR FROM HIROSE ELECTRIC DESIGNED FOR LED LIGHTING APPLICATIONS**

Board-to-board connectors designed for high density mounting in LED modules

SIMI VALLEY, CA - July 30, 2013 - Hirose Electric, a leader in the development of innovative connector solutions, has developed the DF59S Series, a mono-pole connector that is optimized for LED lighting applications. The board-to-board connectors feature a housing free receptacle that produces a slim fit and low profile when mated, making this an excellent connector for high density LED applications. The DF59S Series has a unique "stress-free contact" that provides a ± 0.5 mm floating function in the X and Y directions and ± 0.2 mm in the Z direction.

"The DF59S Series connectors are ideal for high density, low power LED applications with limited space between LEDs," said Rick van Weezel, vice president of sales and marketing for Hirose Electric USA. "This connector series provides a solution for LED engineers hoping to maximize board space while ensuring the optimal performance needed for an application to excel."



Depending on the distance between the two connector sets, the DF59S Series connectors have a rated voltage range of 200V to 350V, and a high-current capacity of 3A. The DF59S series is RoHS and REACH compliant, and is classified as a Halogen-free product.

Pending UL application, the DF59S Series connector's creepage distance from the PCB edge to the contact pad satisfies the 250V condition requirement of IEC60664-1.

For additional information about the DF59S Series connectors, please visit: www.hirose.com/us

ABOUT HIROSE ELECTRIC Hirose Electric Co., Ltd. is a leading global supplier of innovative interconnects, with sales of approximately US \$1 billion to customers worldwide. Hirose employs advanced engineering services, superior customer support and worldwide manufacturing capabilities to provide value-based connector solutions for various industries including: telecommunication, consumer electronics, computer and automotive. More information can be found on Hirose Electric's corporate website at www.hirose.com/us