

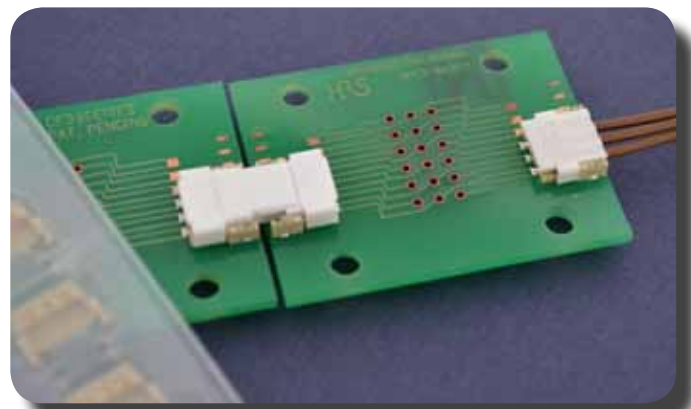


# DF59 Series

## Low Profile Interconnect System

### Features

- Developed for LED applications
- Ultra low profile design, minimizes shadowing
- Wire-to-Board, Board-to-Board and Short-Circuit, are applicable to common header.
- Positive “Swing-lock” engagement provides strong plug retention against cable pull.
- Floating Board-to-Board connector with “Stress free contact” allows  $\pm 0.5$  mm floating function in XYZ directions.
- Multiple Board-to-Board connections are possible, minimizing the issue of thermal expansion.



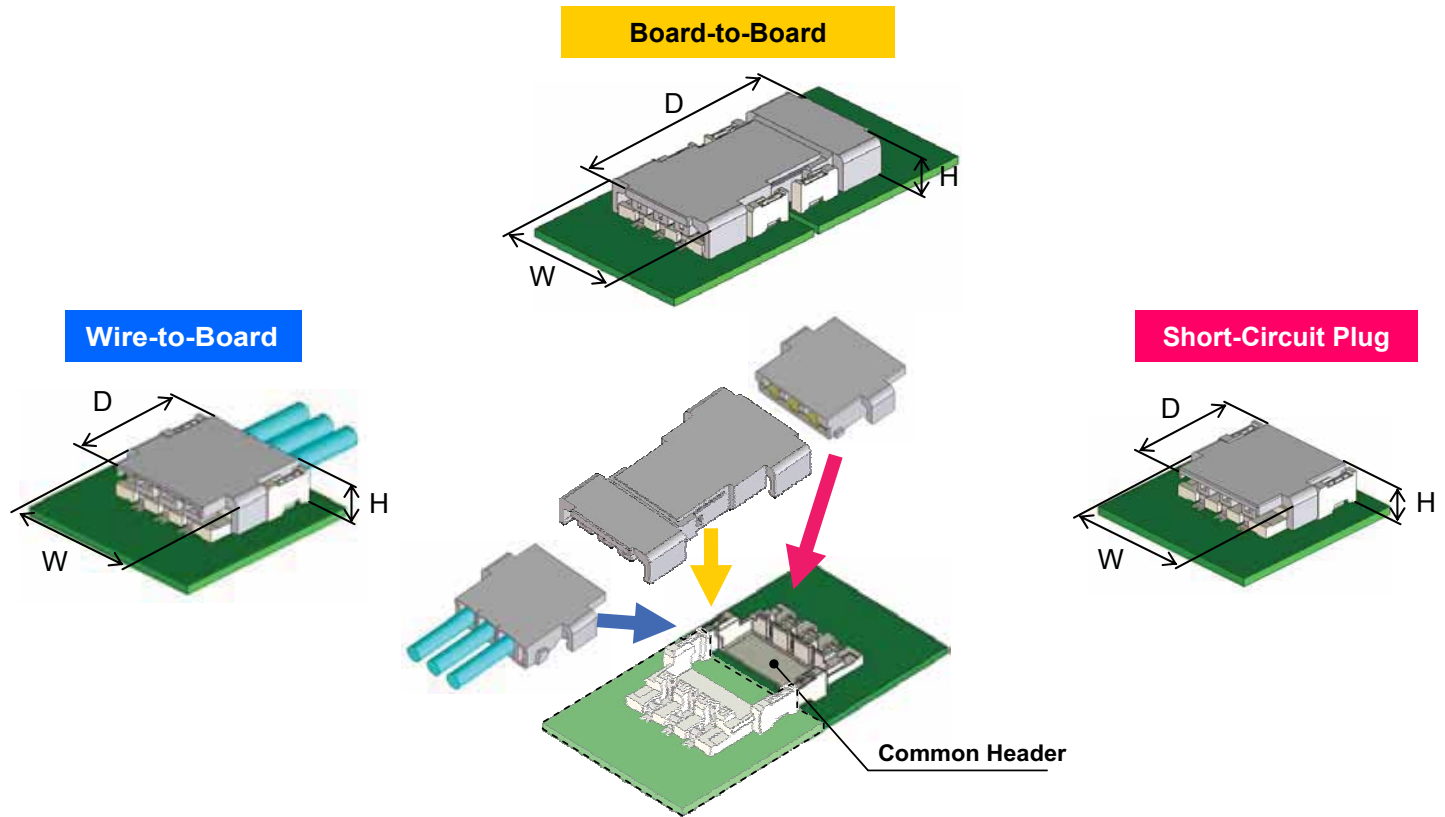
### Specifications

- -35°C to 105°C temperature range
- High current capability; 3 Amps
- AWG #22: 1.2 to 1.45 mm diameter
- RoHS compliant
- cUL Pending



Hirose Electric (U.S.A.), Inc. 2688 Westhills Ct. , Simi Valley, CA 93065

## ◆ 3 Types of plugs mate to one common header



Part Number	Positions	Type	Gender	Pitch	Depth	Width	Height
DF59-2S-2V(51)	2	Header	Female	2.0	7.95	7.20	2.30
DF59-2P-2FC(50)	2	B2B Bridge	Male	2.0	17.10	7.20	2.80
DF59-2P-2C	2	Crimp Housing	Male	2.0	8.15	7.20	2.48
DF59-2P-2SP(50)	2	Shorting Plug	Male	2.0	7.95	7.20	2.48
DF59-3S-2V(51)	3	Header	Female	2.0	7.95	9.20	2.30
DF59-3P-2FC(50)	3	B2B Bridge	Male	2.0	17.10	9.20	2.80
DF59-3P-2C	3	Crimp Housing	Male	2.0	8.15	9.20	2.48
DF59-3P-2SP(50)	3	Shorting Plug	Male	2.0	7.95	9.20	2.48
DF59-2S-4V(51)	2 (of 3)	Header	Female	4.0	7.95	9.20	2.30
DF59-2P-4FC(50)	2 (of 3)	B2B Bridge	Male	4.0	17.10	9.20	2.80
DF59-4S-2V(51)	4	Header	Female	2.0	7.95	11.20	2.30
DF59-4P-2FC(50)	4	B2B Bridge	Male	2.0	17.10	11.20	2.80
DF59-4P-2C	4	Crimp Housing	Male	2.0	8.15	11.20	2.48
DF59-22PCFA		Contact 22AWG Au	Male				

\*All dimensions are in mm

Specifications herein are subject to change without notice. Contact Hirose for latest specifications and details.

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