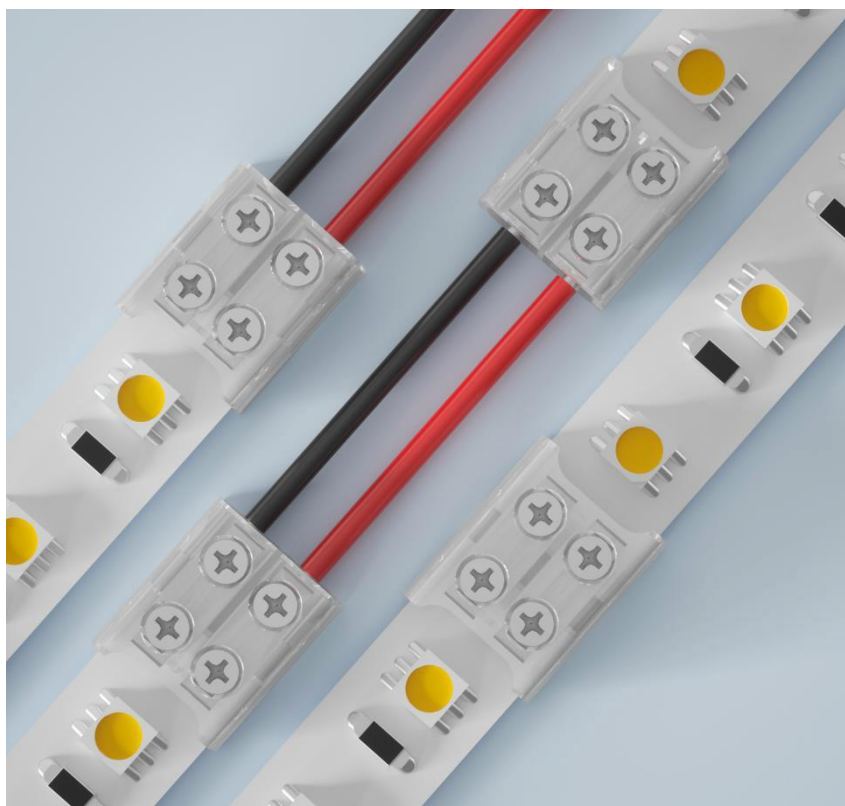


SPECIFICATION

Screw Fixing Connector

10mm PCB 2Pin



Basic Info

Product Series	SF Series	
Item NO	SF-10XB-2G	SF-10BB-2G
Connection Type	Board to Wire	Board to Board

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RICHARDSON

318 South Central Expressway, STE 113,
Richardson, Texas, 75080, United States.

(469)-372-0795

Physical Data

Item NO	SF-10XB-2G	SF-10BB-2G
Size(L*W*H)	13.3*11.5*6.4mm	14.6*11.5*6.4mm
Pin Quantity	2	2
Pin Distance	4.5mm	4.5mm
With Wire or NOT	No Wire	No Wire

Electrical Data

Voltage	DC5-24V
Current	6A

Remark: Though the max current of Pin is 6 A, the actual working current is limited by wire gauge and PCB thickness it work with. DC3~24V is the voltage adding to LED strip that connector works with

Material Data

Material	Polycarbonate	Polycarbonate
TEMP. Resistance(Housing)	80°C	80°C
Flame Retardant Rating	UL94V-0	UL94V-0

Workable LED Strip

Item NO.	SF10XB-2G	SF10BB-2G
Type	SMD, COB strip	SMD, COB strip
Light Color	Mono	Mono
IP Rating	IP20	IP20
PCB Width	0.25 ~0.35 mm	0.25 ~0.35 mm
Density	COB no limited,SMD refer to the following form	COB no limited,SMD refer to the following form

Note: Not all SMD strips are suitable for this connector, it depends on the width of the lamp bead, the following form shows the applicable range.

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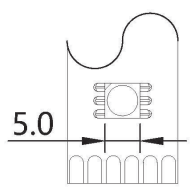
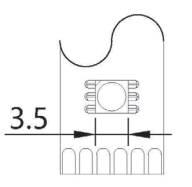
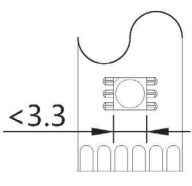
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Lamp Bead Width	Lamp Bead Reference Picture	Maximum Density
5.0mm		110LEDs/M
3.5mm		147LEDs/M
<3.3mm		No limit

Workable Wire Data

Wire Gauge	20 AWG~16AWG
Cross Section	0.52mm ² ~1.3mm ²
Wire Type	Multi Stranded Sheathed Cable /Flat Wire
Remark: Adapted cables only suitable for Board-to-Wire type	

Working Environment

Environment TEMP.	-10 ~ 40°C
Environment	Indoor

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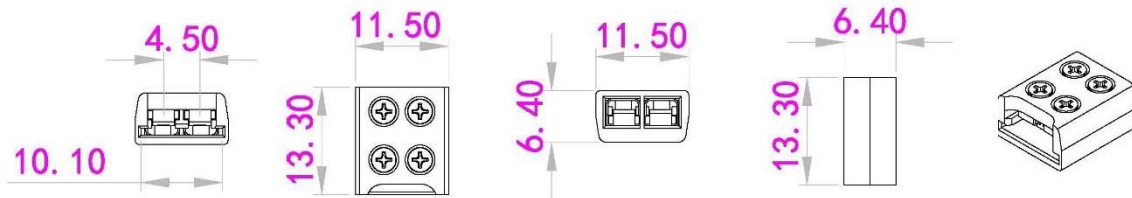
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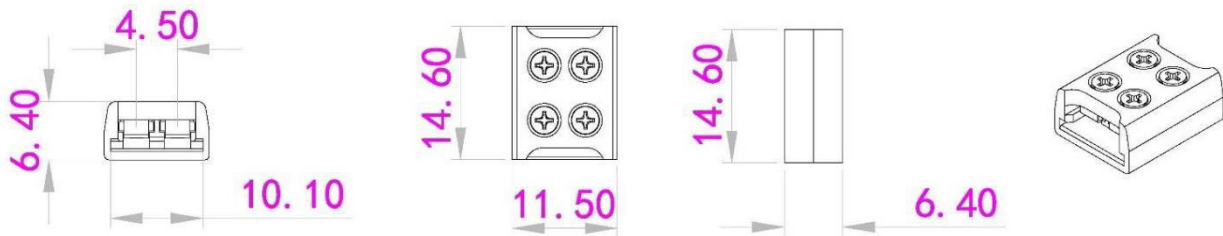
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Dimensional Diagram

Item NO.: SF-10XB-2G



Item NO.: SF-10BB-2G



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