

Specification

12mm for RGBW



SEN12XB-5



SEN12BB-5



DJN12XB-5



DJN12BB-5

Technical Data

OL11-SEN12XB-5 OL11-SEN12BB-5 OL11-DJN12XB-5 OL11-DJN12BB-5

Electrical Data	Working Voltage:	DC3~24V			
	Max Current:	5A			
Pin Data	Pin Quantity:	5 Pins			
	Material:	Copper			
Workable Strip Data	Strip Light Color:	RGB+White / RGBW/ RGB+Yellow			
	IP Rating:	IP20	IP20	IP65 / IP54	IP65 / IP54
	Waterproof Type:	Non-waterproof	Non-waterproof	One Side Glue Coating	One Side Glue Coating
	FPC Thickness:	0.2 ~0.35 mm			
	LED Strip Height:	/	/	>24 mm Include Glue	>24 mm Include Glue
	LED Strip Width:	12mm			
	LED QTY / Meter:	< 120LEDs			
Workable Wire Data	Wire Gauge:	22~20 AWG	/	22~20 AWG	/
	Cross Section:	0.34~0.5 mm ²	/	0.34~0.5 mm ²	/
	Wire O.D.:	Φ1.5 mm ~ Φ 2.1mm	/	Φ1.5 mm ~ Φ 2.1mm	/
	Wire Type:	Strand & Solid	/	Strand & Solid	/
Housing Data	Flame Retardant:	UL94v-0			
	Material:	PC			
	Heat Resistance:	105 °C			
	Dimension:	24.3*17*7.78 mm	19.55*17*7.78 mm	24.3*17*7.78 mm	19.55*17*7.78 mm
Ambient Data	Temperature:	-20 ~ 50 °C			
	Environment:	Indoor			

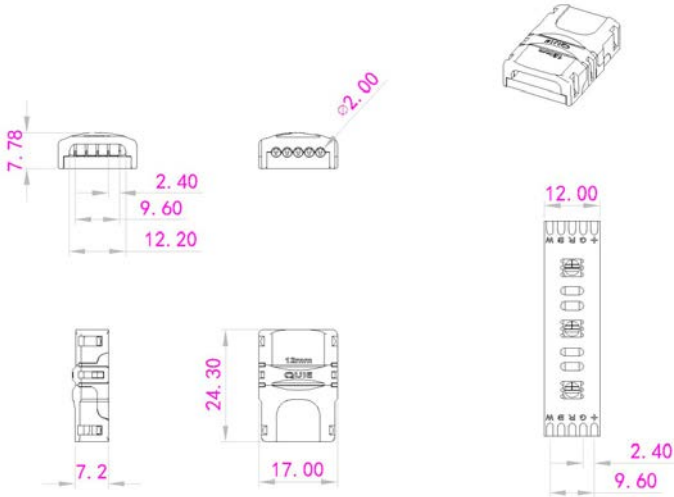
Note:

- For IP65/IP54 Strip Light, the IP rating will not be maintained after connection.
- Due to silicon coating is softer, if IP65 type can not work well, please try connecting it with IP20 type.

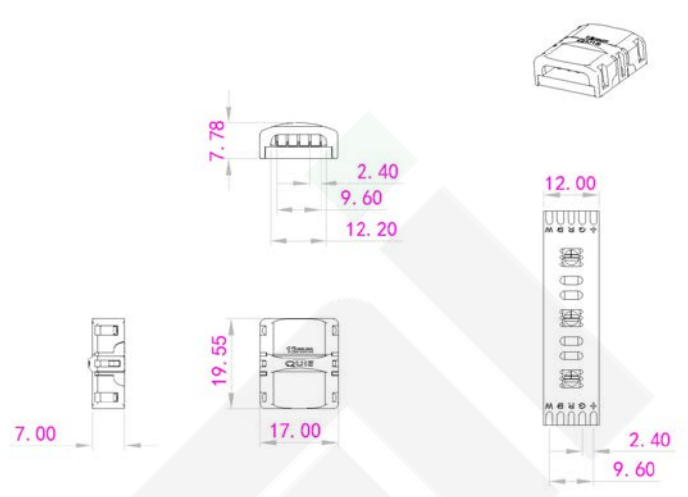
Dimension Drawing

Unit: mm

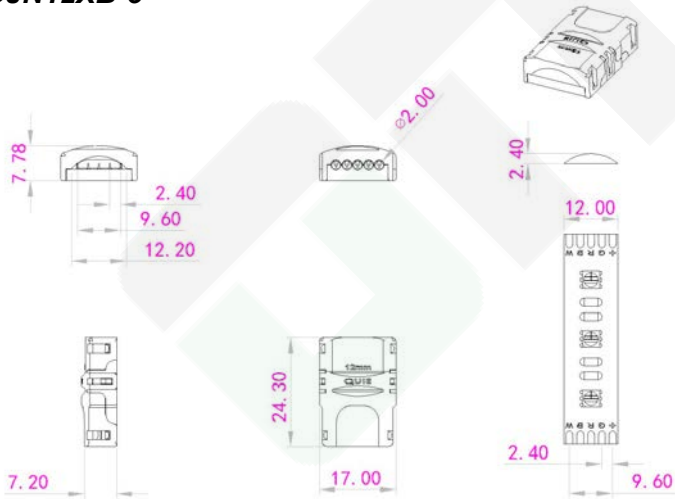
SEN12XB-5



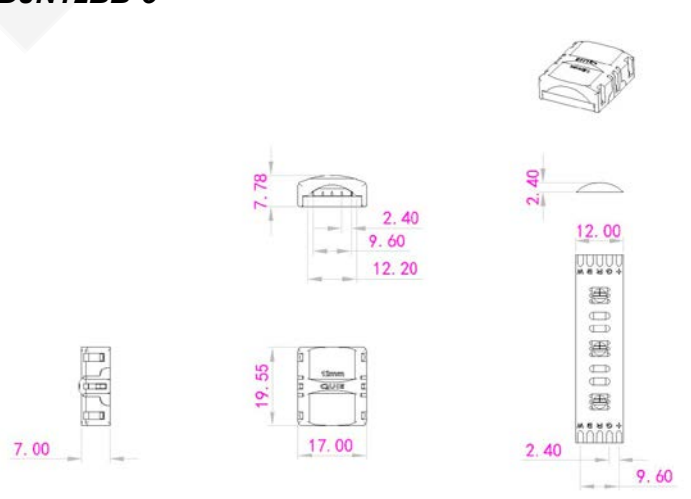
SEN12BB-5



DJN12XB-5



DJN12BB-5

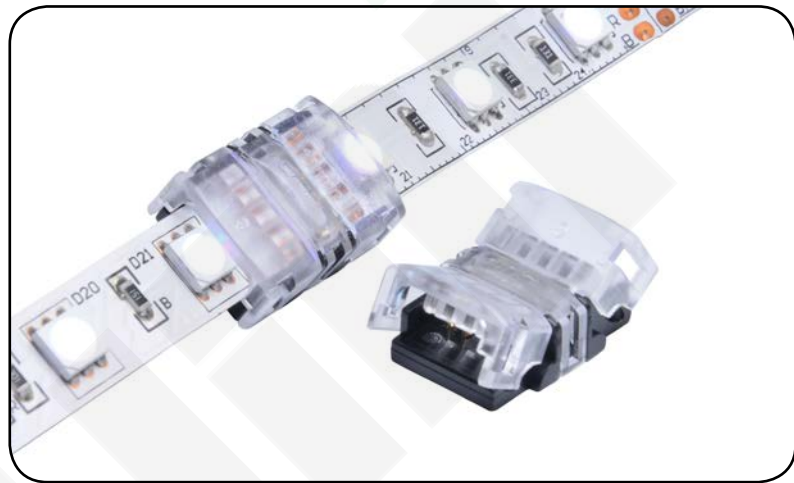


Specification

10 mm for RGB



SEN10XB-4



SEN10BB-4



DJN10XB-4



DJN10BB-4

Technical Data

OL11-SEN10XB-4 OL11-SEN10BB-4 OL11-DJN10XB-4 OL11-DJN10BB-4

Electrical Data	Working Voltage:	DC3~24V			
	Max Current:	5A			
Pin Data	Pin Quantity:	4 Pins			
	Material:	Copper			
Workable Strip Data	Strip Light Color:	RGB			
	IP Rating:	IP20	IP20	IP65 / IP54	IP65 / IP54
	Waterproof Type:	Non-waterproof	Non-waterproof	One Side Glue Coating	One Side Glue Coating
	FPC Thickness:	0.2 ~0.35 mm			
	LED Strip Height:	/	/	>22 mm Include Glue	>22 mm Include Glue
	LED Strip Width:	10mm			
	LED QTY / Meter:	< 120LEDs			
	Workable Wire Data	Wire Gauge:	22~20 AWG	/	22~20 AWG
Cross Section:		0.34~0.5 mm ²	/	0.34~0.5 mm ²	/
Wire O.D.:		Φ1.5 mm ~ Φ 2.1mm	/	Φ1.5 mm ~ Φ 2.1mm	/
Wire Type:		Strand & Solid	/	Strand & Solid	/
Housing Data	Flame Retardant:	UL94v-0			
	Material:	PC			
	Heat Resistance:	105 °C			
	Dimension:	24.27*14.6*7.7 mm	19.55*14.6*7.68 mm	24.3*14.6*7.7 mm	19.55*14.6*7.7 mm
Ambient Data	Temperature:	-20 ~ 50 °C			
	Environment:	Indoor			

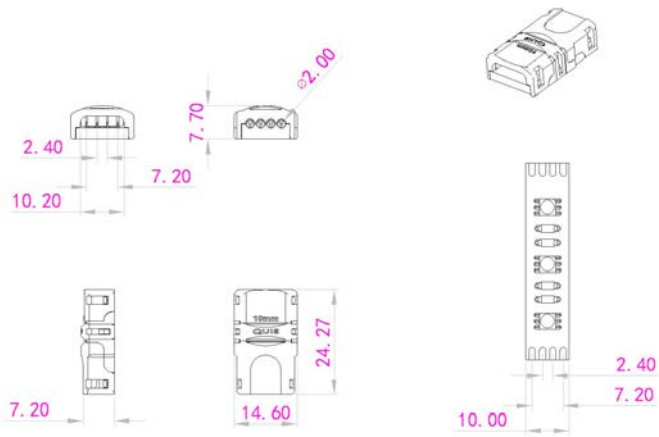
Note:

1. For IP65/IP54 Strip Light, the IP rating will not be maintained after connection.
2. Due to silicon coating is softer, if IP65 type can not work well, please try connecting it with IP20 type.

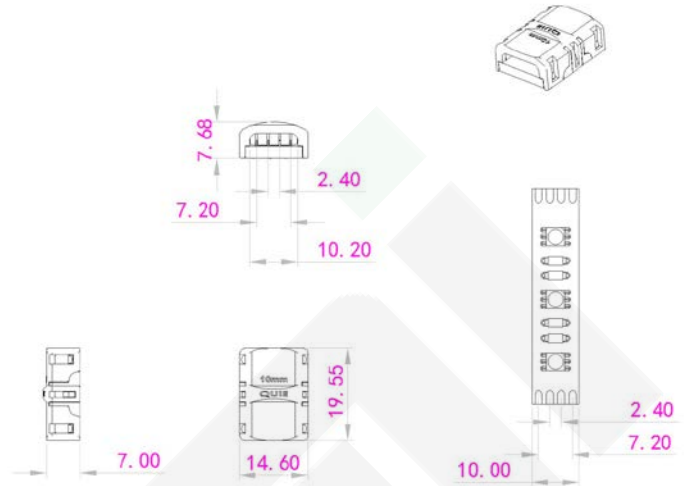
Dimension Drawing

Unit: mm

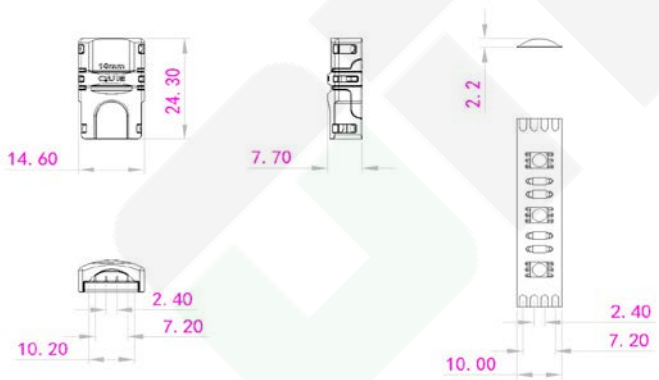
SEN10XB-4



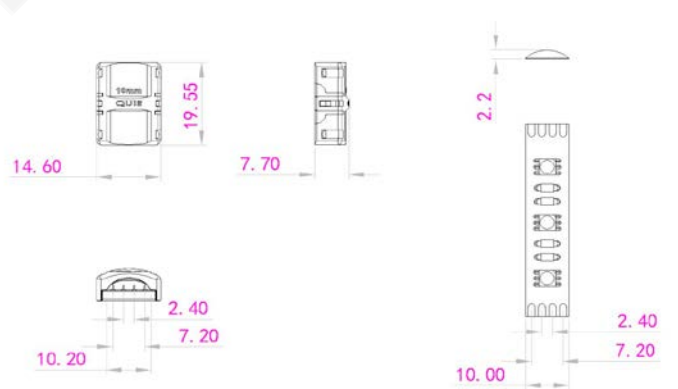
SEN10BB-4



DJN10XB-4



DJN10BB-4

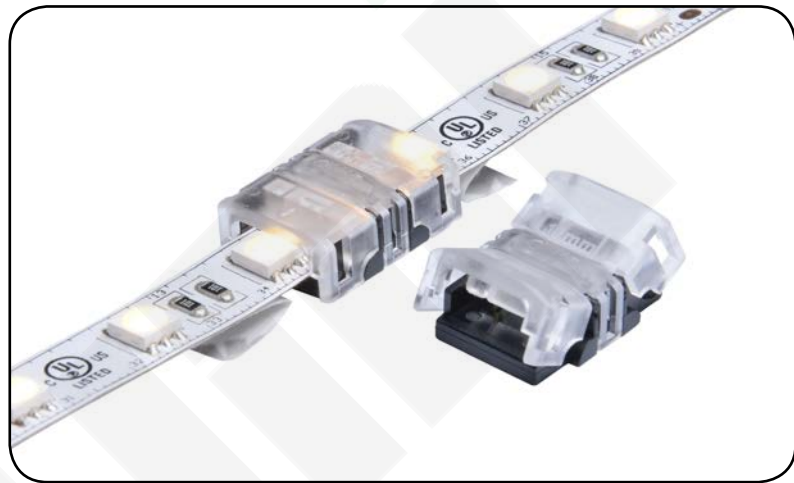


Specification

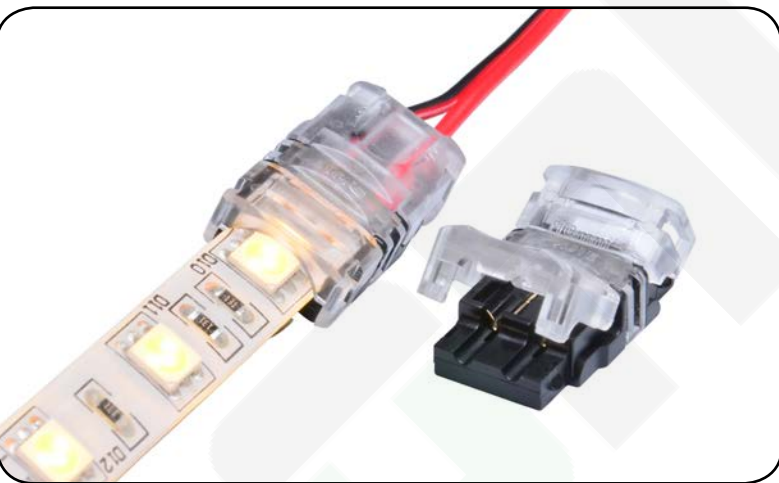
10 mm for Single Color



SEN10XB-2



SEN10BB-2



DJN10XB-2



DJN10BB-2

Technical Data

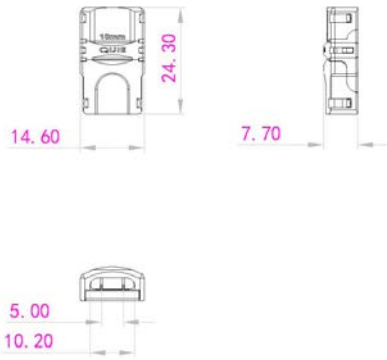
OL11-SEN10XB-2 OL11-SEN10BB-2 OL11-DJN10XB-2 OL11-DJN10BB-2

Electrical Data	Working Voltage:	DC3~24V			
	Max Current:	5A			
Pin Data	Pin Quantity:	2 Pins			
	Material:	Copper			
Workable Strip Data	Strip Light Color:	Single Color			
	IP Rating:	IP20	IP20	IP65 / IP54	IP65 / IP54
	Waterproof Type:	Non-waterproof	Non-waterproof	One Side Glue Coating	One Side Glue Coating
	FPC Thickness:	0.2 ~0.35 mm			
	LED Strip Height:	/	/	>22 mm Include Glue	>22 mm Include Glue
	LED Strip Width:	10mm			
	LED QTY / Meter:	< 120LEDs			
	Workable Wire Data	Wire Gauge:	22~18 AWG	/	22~18 AWG
Cross Section:		0.34~0.75 mm ²	/	0.34~0.75 mm ²	/
Wire O.D.:		Φ1.5 mm ~ Φ 2.1mm	/	Φ1.5 mm ~ Φ 2.1mm	/
Wire Type:		Strand & Solid	/	Strand & Solid	/
Housing Data	Flame Retardant:	UL94v-0			
	Material:	PC			
	Heat Resistance:	105 °C			
	Dimension:	24.3*14.6*7.7 mm	19.55*14.6*7.7 mm	24.3*14.6*7.7 mm	19.55*14.6*7.7 mm
Ambient Data	Temperature:	-20 ~ 50 °C			
	Environment:	Indoor			

Note:

1. For IP65/IP54 Strip Light, the IP rating will not be maintained after connection.
2. Due to silicon coating is softer, if IP65 type can not work well, please try connecting it with IP20 type.

SEN10XB-2



SEN10BB-2



DJN10XB-2



DJN10BB-2



Specification

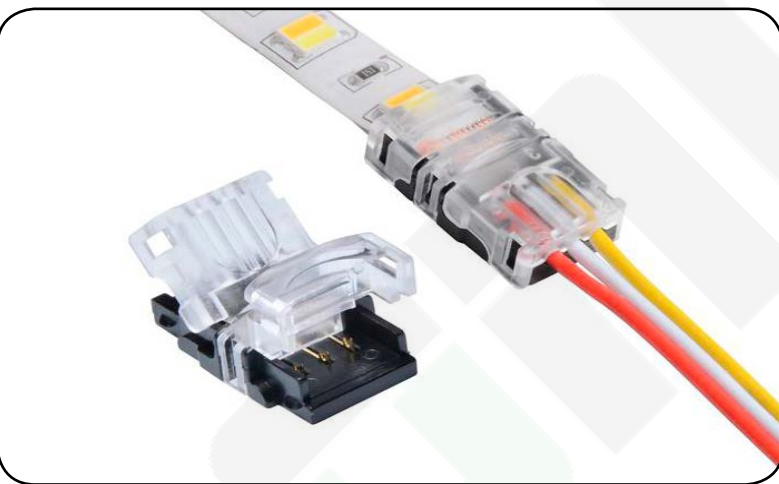
10 mm for Dual Color



SEN10XB-3



SEN10BB-3



DJ10XB-3



DJN10BB-3

Technical Data

OL11-SEN10XB-3 OL11-SEN10BB-3 OL11-DJN10XB-3 OL11-DJN10BB-3

Electrical Data	Working Voltage:	DC3~24V			
	Max Current:	5A			
Pin Data	Pin Quantity:	3 Pins			
	Material:	Copper			
Workable Strip Data	Strip Light Color:	Dual Color			
	IP Rating:	IP20	IP20	IP65 / IP54	IP65 / IP54
	Waterproof Type:	Non-waterproof	Non-waterproof	One Side Glue Coating	One Side Glue Coating
	FPC Thickness:	0.2 ~0.35 mm			
	LED Strip Height:	/	/	>22 mm Include Glue	>22 mm Include Glue
	LED Strip Width:	10mm			
	LED QTY / Meter:	< 120LEDs			
	Workable Wire Data	Wire Gauge:	22~20 AWG	/	22~20 AWG
Cross Section:		0.34~0.5 mm ²	/	0.34~0.5 mm ²	/
Wire O.D.:		Φ1.5 mm ~ Φ 2.1mm	/	Φ1.5 mm ~ Φ 2.1mm	/
Wire Type:		Strand & Solid	/	Strand & Solid	/
Housing Data	Flame Retardant:	UL94v-0			
	Material:	PC			
	Heat Resistance:	105 °C			
	Dimension:	24.3*14.6*7.7 mm	19.55*14.6*7.7 mm	24.3*14.6*7.7 mm	19.55*14.6*7.7 mm
Ambient Data	Temperature:	-20 ~ 50 °C			
	Environment:	Indoor			

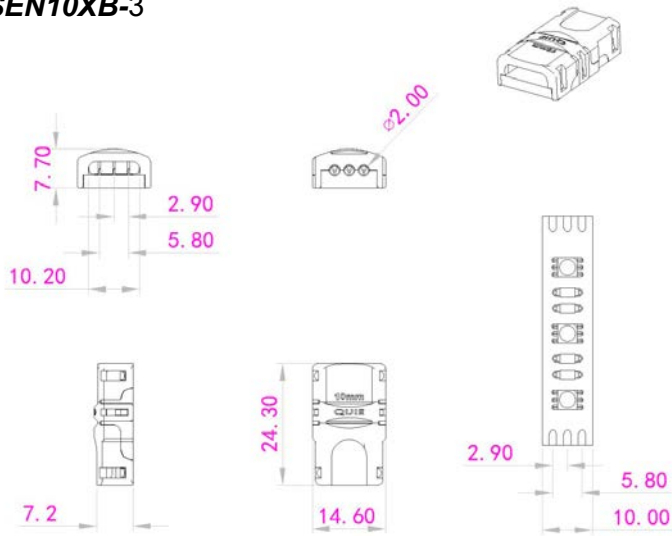
Note:

- For IP65/IP54 Strip Light, the IP rating will not be maintained after connection.
- Due to silicon coating is softer, if IP65 type can not work well, please try connecting it with IP20 type.

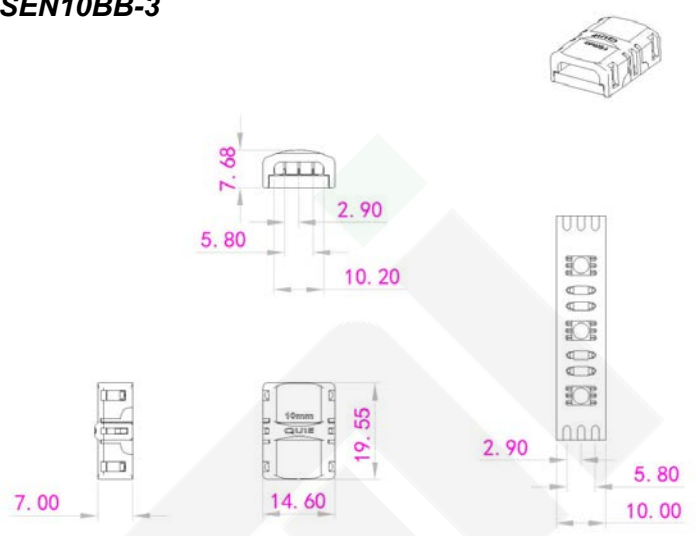
Dimension Drawing

Unit: mm

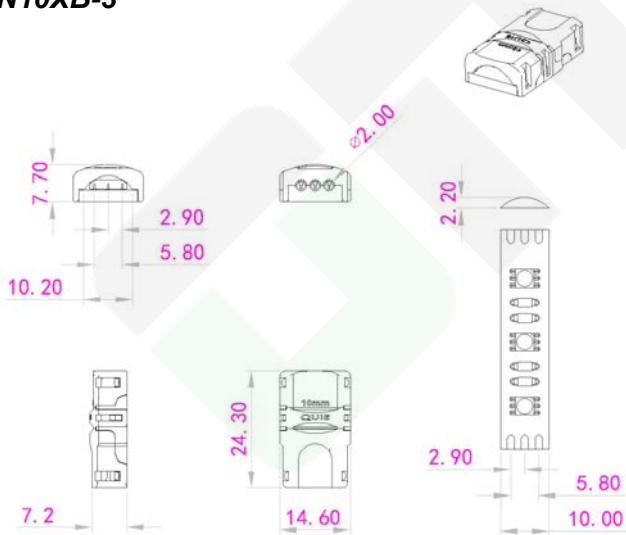
SEN10XB-3



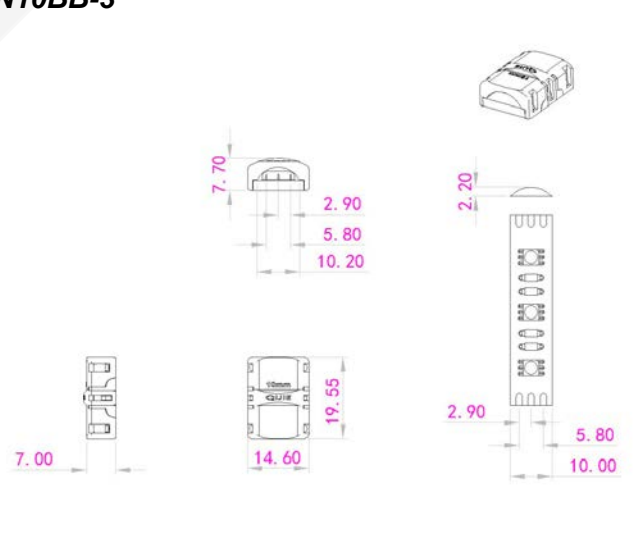
SEN10BB-3



DJN10XB-3



DJN10BB-3



Specification

8 mm for Single Color



SEN8XB-2



SEN8BB-2



DJN8XB-2



DJN8BB-2

Technical Data

OL11-SEN8XB-2

OL11-SEN8BB-2

OL11-DJN8XB-2

OL11-DJN8BB-2

Electrical Data	Working Voltage:	DC3~24V			
	Max Current:	5A			
Pin Data	Pin Quantity:	2 Pins			
	Material:	Copper			
Workable Strip Data	Strip Light Color:	Single Color			
	IP Rating:	IP20	IP20	IP65 / IP54	IP65 / IP54
	Waterproof Type:	Non-waterproof	Non-waterproof	One Side Glue Coating	One Side Glue Coating
	FPC Thickness:	0.2 ~0.35 mm			
	LED Strip Height:	/	/	>22 mm Include Glue	>22 mm Include Glue
	LED Strip Width:	8mm			
	LED QTY / Meter:	< 120LEDs			
	Workable Wire Data	Wire Gauge:	22~18 AWG	/	22~18 AWG
Cross Section:		0.34~0.75 mm ²	/	0.34~0.75 mm ²	/
Wire O.D.:		Φ1.5 mm ~ Φ 2.1mm	/	Φ1.5 mm ~ Φ 2.1mm	/
Wire Type:		Strand & Solid	/	Strand & Solid	/
Housing Data	Flame Retardant:	UL94v-0			
	Material:	PC			
	Heat Resistance:	105 °C			
	Dimension:	24.3*12.6*7.7 mm	19.55*12.6*7.7 mm	24.3*12.6*7.7 mm	19.55*12.6*7.7 mm
Ambient Data	Temperature:	-20 ~ 50 °C			
	Environment:	Indoor			

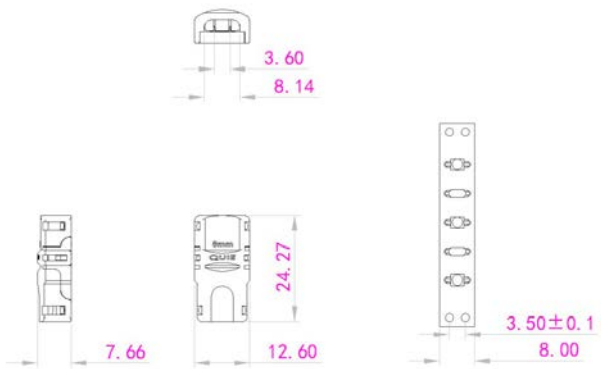
Note:

1. For IP65/IP54 Strip Light, the IP rating will not be maintained after connection.
2. Due to silicon coating is softer, if IP65 type can not work well, please try connecting it with IP20 type.

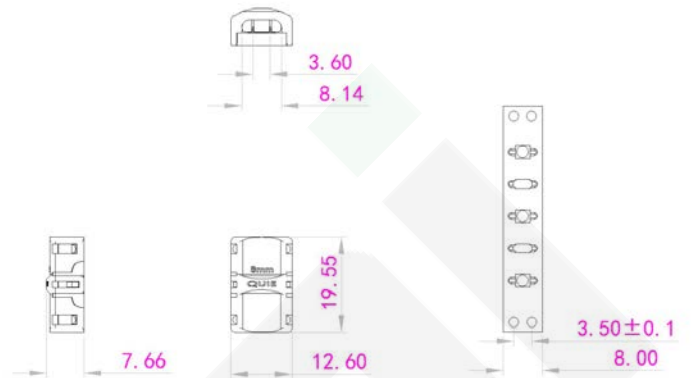
Dimension Drawing

Unit: mm

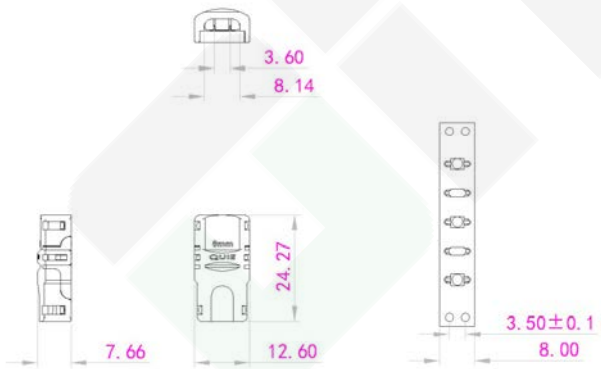
SEN8XB-2



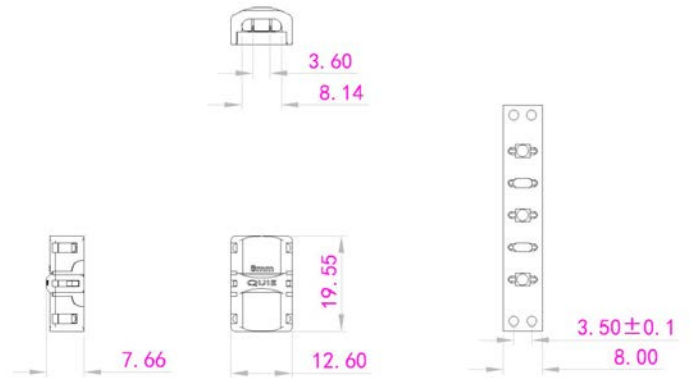
SEN8BB-2



DJN8XB-2

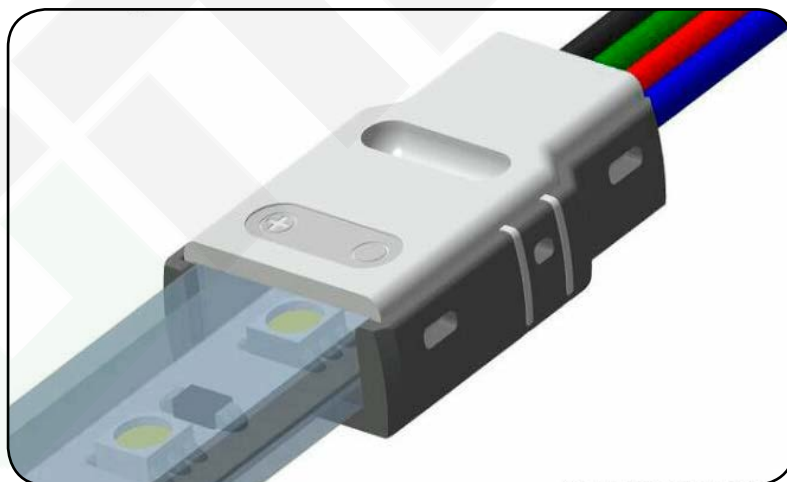


DJN8BB-2



Specification

8/10 mm for Tube Waterproof
Single Color & RGB



Technical Data

	FSN8XB-2	FSN8BB-2	FSN10XB-2	FSN10BB-2	FSN10XB-4	FSN10XB-4						
Electrical Data	Working Voltage: DC3~36V											
	Max Current: 5A											
Pin Data	Pin Quantity: 2 Pins			4 Pins								
	Material: Copper											
Workable Strip Data	Strip Light Color: Single Color			RGB								
	IP Rating: IP66/IP67											
	Waterproof Type: Hollow / Extruded Tube Waterproof (not solid)											
	Solder Pad Pitch: 3.5mm		3.5mm		5 mm		5mm		2.5mm		2.5mm	
	FPC Thickness: 0.2~0.35 mm											
	LED Strip Height: 4.2mm Include Tube											
	LED Strip Width: (PCB-Tube): 8mm-10.5mm PCB-Tube		8mm-10.5mm PCB-Tube		10mm-12.5mm PCB-Tube		10mm-12.5mm PCB-Tube		10mm-12.5mm PCB-Tube		10mm-12.5mm PCB-Tube	
LED QTY / Meter: < 120LEDs												
Workable Wire Data	Wire Gauge: 22~20 AWG		/		22~20 AWG		/		22~20 AWG		/	
	Cross Section: 0.34~0.54 mm ²		/		0.34~0.54 mm ²		/		0.34~0.54 mm ²		/	
	Wire O.D.: Φ 1.5 mm ~ Φ 2.0mm		/		Φ 1.5 mm ~ Φ 2.0mm		/		Φ 1.5 mm ~ Φ 2.0mm		/	
	Wire Type: Strand & Solid		/		Strand & Solid		/		Strand & Solid		/	
Housing Data	Flame Retardant: UL94v-0											
	Material: PC											
	Heat Resistance: 105 °C											
	Dimension: 26*14*7 mm		27*14*7 mm		26*17*7 mm		27*17*7 mm		26*17*7 mm		27*17*7 mm	
Ambient Data	Temperature: -20 ~ 50 °C											
	Environment: Outdoor											

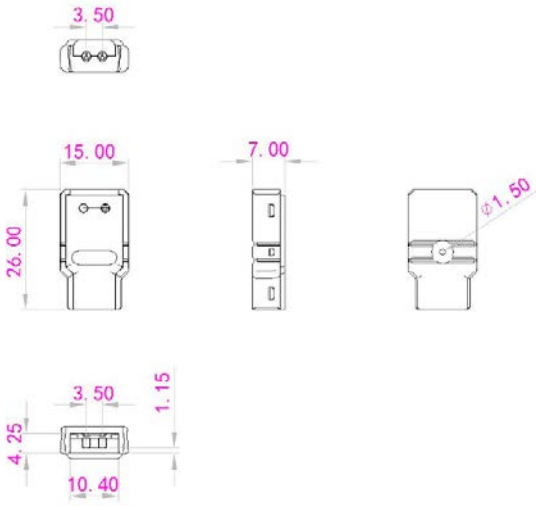
Note:

- Though the LED strip is IP66/IP67, we still not recommend to use this connector under water for long term.
- Extruded LED Tube strip light will gain best connective and waterproof function.

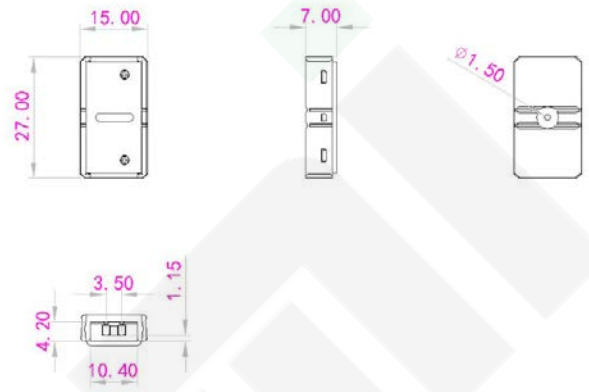
Dimension Drawing

Unit: mm

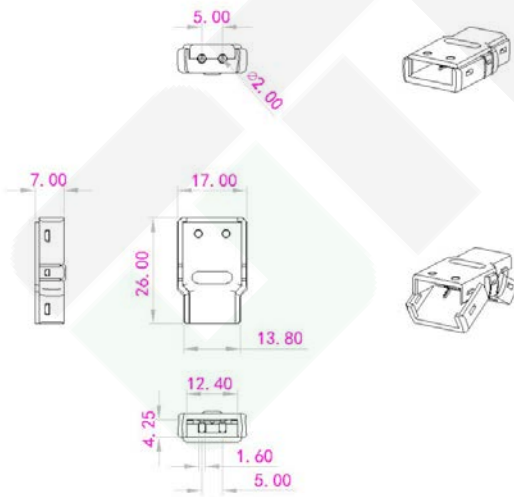
FSN8XB-2



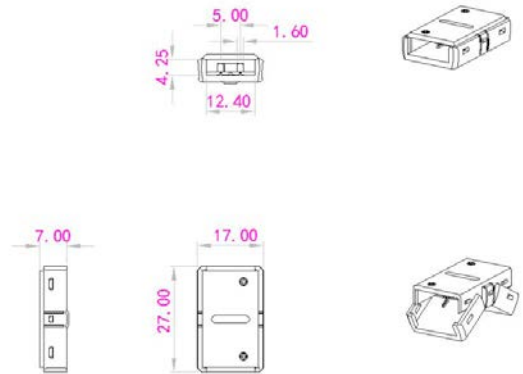
FSN8BB-2



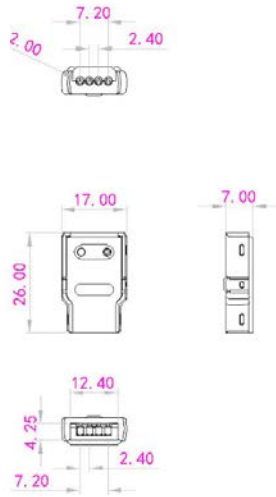
FSN10XB-2



FSN10BB-2



FSN10XB-4



FSN10BB-4

