



Shanpu

Waterproof Multi-function Switches Series **SF19BA**

General Specifications

Switch Circuit	:SP5T
Current Rating	:50mA
Voltage Rating	:12VDC
Contact Resistance	:300mΩ Max.
Insulation Resistance	:100MΩ Min.
Operating Force	:Center Push 650±200gf 4-Direction 250±100gf
Operating Life	:50,000 cycles Min.
Operating Temperature	: -20 deg.~ +70 deg.

Materials

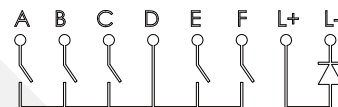
SW Terminal	:Brass
SW Base	:LCP
SW Contact	:SUS
SW Move Stem	:LCP
SW Stem	:LCP
SW Guide Plate	:Phosphor Bronze
SW Cover	:SUS
Cap	:Polyamide (PA)
Reflector	:Silicone
Base	:PC/ABS
Housing	:SUS
Nuts	:Copper Plated Nickel
Washer	:Rubber

Feature

- Panel cutting Ø19mm
- IP65
- 5 Key Navigation Switches
- LED Illuminated
- Metal Housing

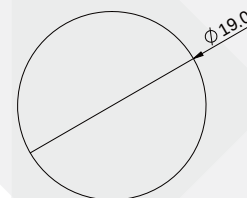


Contact Configuration



Pin	Function
A	A-D
B	B-D
C	C-D
D	COM
E	E-D
F	F-D
+	LED(+)
-	LED(-)

Panel Cutting



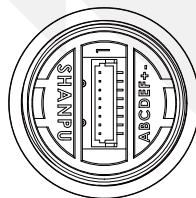
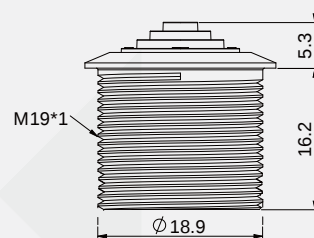
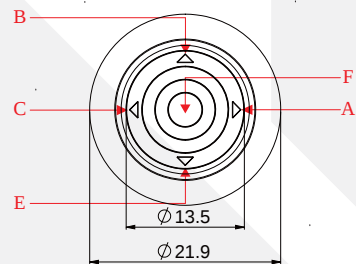
Panel thickness 1.5~4.0mm



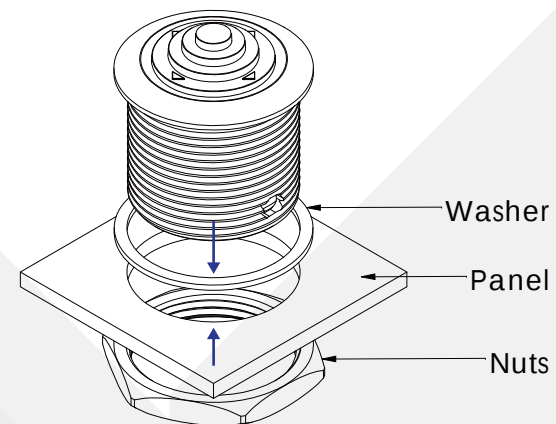
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Dimension



Installation Notes



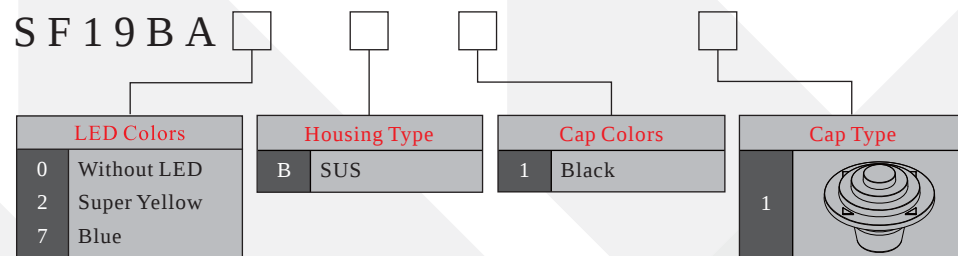
The Connector for SF19BA module
similar JST BM08B-SRSS-TB
Applicable Connector:
Conductor pitch / 1.0mm
Conductor width / $\square$ 0.2mm



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How to Order



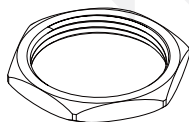
EXAMPLE: SF19B2B11

※ Whole set standard package include Switch body*1, Washer(YRU027)*1, Nut(YSC014)*1, Connector(YCN017)*1

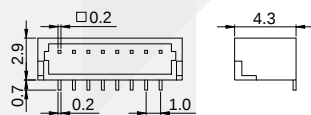
Option



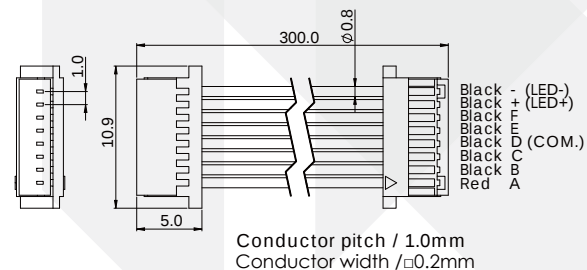
Washer: YRU027



Nut: YSC014



Connector: YCN017



Cable: YCW014