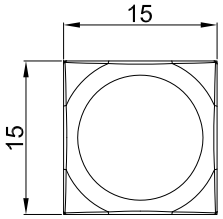
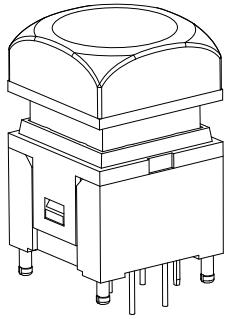
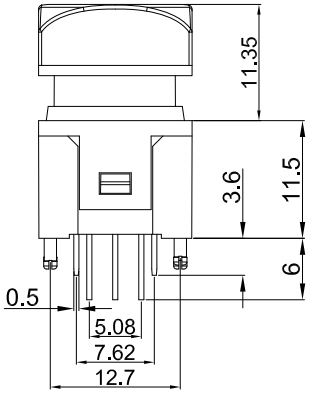
惠州宏利源电器有限公司

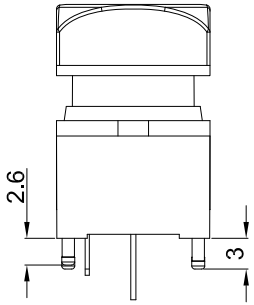
HONYONE ELECTRICAL APPLIANCE CO.,LTD

PB06







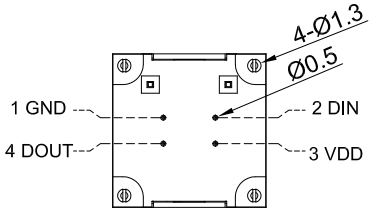


SPECIFICATIONS

Circuit	:SPST
Current rating	:100mA
Voltage rating	:12VDC
Dielectric withstanding voltage	:250VAC for 1 minute (between contacts) (between contacts & case)
Contact resistance	:200mΩ Max. (Initial)
Insulation resistance	:100MΩ Min.
Operating force	:250±100gf
Full travel	:4.5mm±0.2mm
Mechanical life	:Over 2,000,000 cycles
Electrical life	:Over 1,000,000 cycles
Manual welding	:350°C for 3 seconds
Operating temperature	:-20°C ~ +70°C
Function	:OFF-(ON)

MATERIAL:

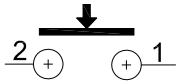
Base:PA+GF,UL rated:94 V-2 Min.
Cap:PC
Terminal:Brass, Silver plated;



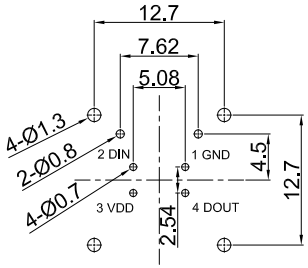
BOTTOM VIEW

PIN Function		
No.	Symbol	Function description
1	GND	Ground
2	DIN	Control data signal Input
3	VDD	Power supply LED
4	DOUT	Control data signal output

CIRCUIT



P.C.B. LAYOUT



Driver:WS2812

LED SPECIFICATIONS

Emitting color	Wavelength (nm)	Current (mA)
Red	620~625	20
Green	520~525	20
Blue	460~470	20

Note:

1.This product is strictly prohibited wave soldering and reflow soldering,please use the manual welding processing, temperature of 350°±5°and time is 3±0.5 seconds;

2.After the product is welded on the PCB board,it is prohibited to use any solvent to clean the PCB board,and avoid the influence of the inner product.

				公差 TOLEANCES	≥30(± 0.5) 5~30(± 0.3) ≤5(±0.2) 角度 ANGLE ± 5°					单位 DIMENSION UNIT	mm.
				视 角 VIEWING ANGLE		比 例 尺 SCALE	NONE	日 期 DATE	2024.07.18	品 名 TITLE	图 号 DRAWING NO
A1	LED参数更新	2024.07.18	N/A							PB06-B-WT-RGB(C)-N-Y	PB06-B-WT-RGB(C)-N-Y_CP_A1
A0	New Issue	2021.12.13	N/A	核 准 APPROVED BY	Richard	核 对 CHECKED BY	Sinc	绘 图 DRAWN BY	Shaofei Ma		
版本 VER.	变 更 说 明 CHANGE DESCRIPTION	日期 DATE	ECN NO.								

File Code: HY-WI-E-03A