Tact Switch

TS-1077S
W3.10xD3.10xH

技术参数 / Technical parameter

按压力度(Press pressure) ：1.0N/1.6N/2.5N	开关行程(Switch stroke) ：0.15±0.1mm
操作方式(Operation mode)：正按式/Positive Press	操作寿命(Operation life)：100,000 Cycles Min
储存温度(Storage temperature)：-30°C TO +80°C	焊接温度(Welding temperature)：260±5°　5s
额定负荷(Rated load)：DC 12V 50mA	焊接方式(Welding mode)：贴片式/SMT
接触电阻(Contact resistance)：100mΩ max.	包装方式(Packaging method)：卷带/Tape & Reel (TR)
绝缘电阻(Insulation resistance)：100MΩ min.	最小包装(Minimum packing)：4,000/PCS

外形尺寸(UNIT:MM) / Size Chart

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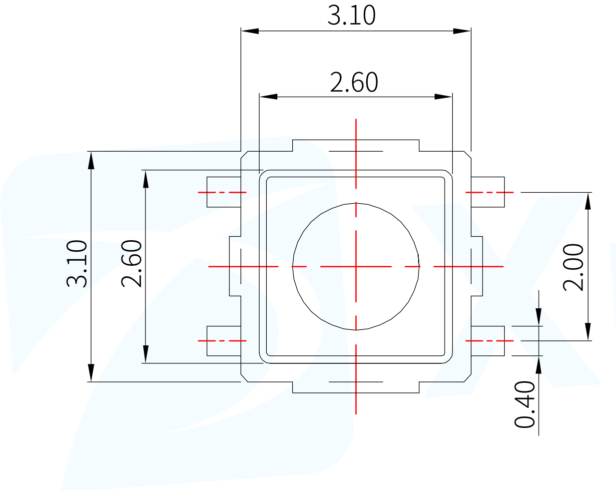
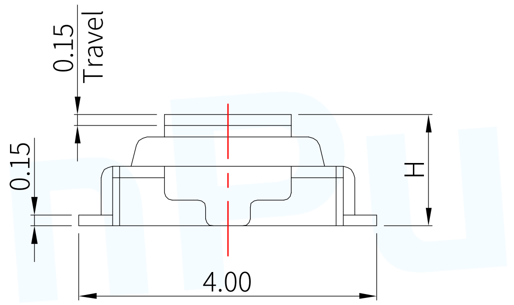
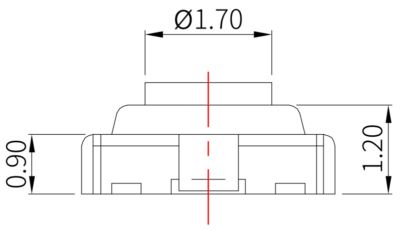
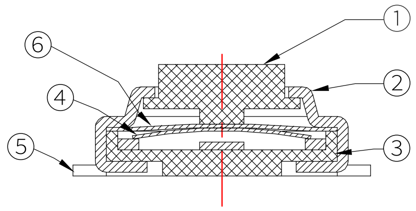
更多资料请参考技术选型档!









产品编号/Product No

TS-1077S-X X XXX XX

A：不锈钢(SUS)
B：覆银铜(C5210)

C：带柱(Column)
R：不带柱(No Column)

Product height

Operating force

操作力度/Operating Force

Code	Press force(N)	Return force
16	1.6±0.5	0.4min
26	2.6±0.5	0.4min

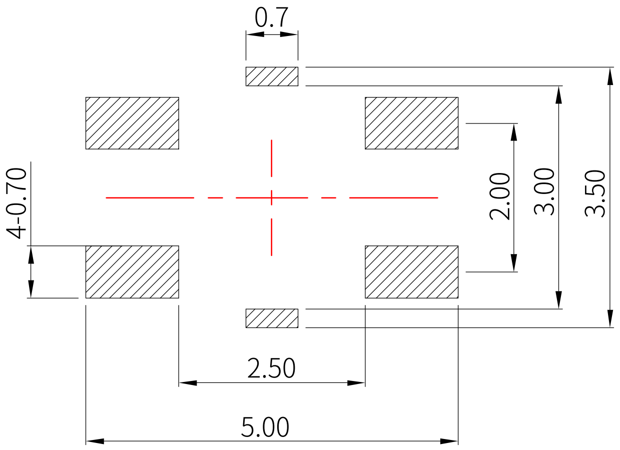
产品高度/Product Height

Code	Product height(mm)
015	1.5
020	2.0

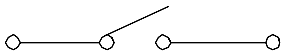
材质/Material

NO	NAME	MATERIAL	FINISHING
①	按钮 Button	LCP	黑色 Black
②	盖子 Cover	SUS	镀银 Silvering
③	基座 Base	LCP	黑色 Black
④	弹片 Shrapnel	F.Ag/SUS	镀银 Silvering
⑤	端子 Terminal	F.Ag/C5210	镀银 Silvering

线路板安装(UNIT:MM) / Mounting Dimensions



RECOMMEDED P.C.B LAYOUT
安装尺寸图



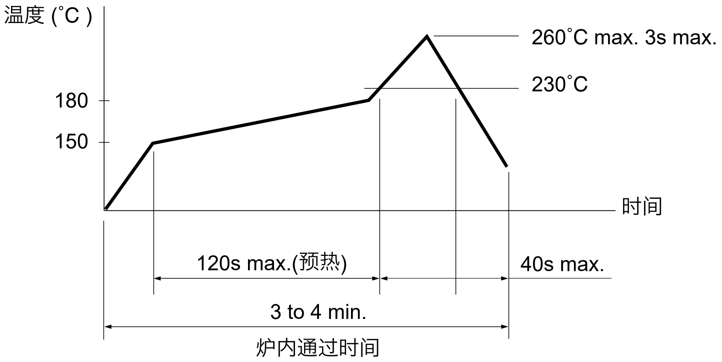
CIRCUIT DIAGRAM
回路图

焊接条件 / Welding conditions

回流焊/Reflow soldering

适用表面贴装型产品/Applicable to surface mount products

温度分布/Temperature distribution



手焊式/Hand welding

项目/Project	条件/condition
焊接温度 Welding temperature	350°C max.
持续焊接时间 Continuous welding time	3s max.
焊剂斗容量 Flux bucket capacity	60W max.

浸焊式/Immersion soldering

项目/Project	条件/condition
助焊剂附着量 Flux adhesion	不附着于零部件贴装面的程度 Not attached to the mounting surface of components
预热温度 Preheating temperature	印刷电路板焊接面的周围温度 100°C max. The temperature around the welding surface of PCB is 100 °C max
预热温度时间 Preheat temperature time	60s max.
焊接温度 welding temperature	260°C max.
焊接浸渍时间 Welding immersion time	5s max.
焊接次数 Welding times	2 times max.

注:

1. 加热方式:以远红外线上下加热方式。
2. 温度测量:用Φ0.1~0.2 的 CA(K)或 CC(T)测量位置在焊接连接部(锡/铜箔面)。
3. 固定方式:采用耐热胶带。