

SERIES

UL 규격 · CSA 규격등록품	256
미소전류의 사용시	257
외부회로 결선방법	258
특색 · 품명	259
VARIATION	260
표준 TOGGLE SWITCH	261
LARGE TOGGLE SWITCH	269
SHORT TOGGLE SWITCH	271
LONG TOGGLE SWITCH	273
FLAT LEVER SWITCH	275
ROCK LEVER SWITCH	277
P/C MOUNT용 TOGGLE SWITCH	279
P/C MOUNT용 LEVER SWITCH	281
P/C MOUNT용 ROCKER SWITCH	292
방수 TOGGLE SWITCH	283
표준 PUSH SWITCH	285
LARGE PUSH SWITCH	287
방수 PUSH SWITCH	289
LEVER SWITCH	291
ROCKER SWITCH	293
SNAP IN LEVER SWITCH	295
SNAP IN ROCKER SWITCH	296
공통사양	297

포장수량
 F SERIES 4극은 1BOX 50개
 그 외의 F SERIES는 1BOX 100개입니다.

OTAX

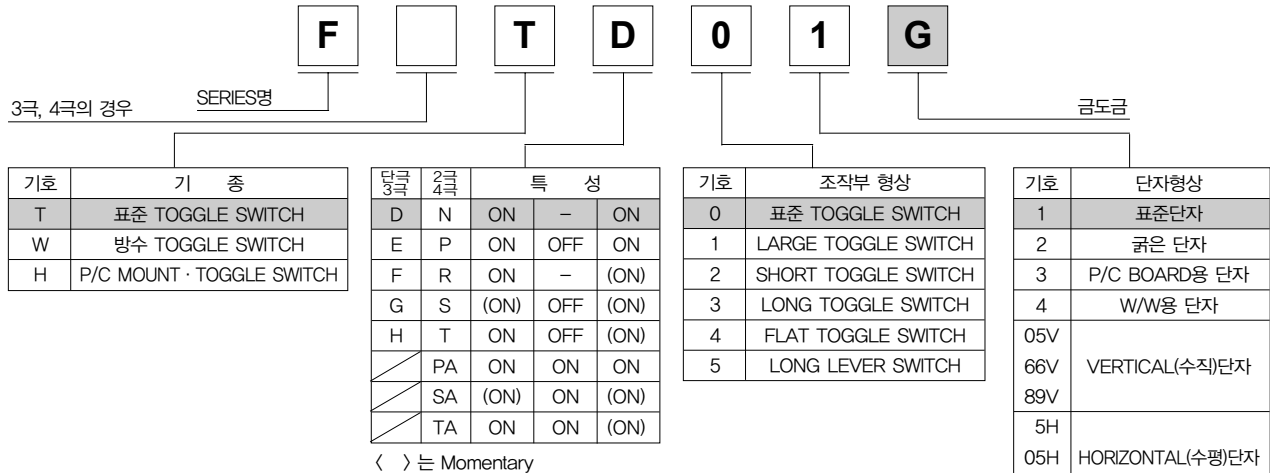
※상세한 규격에 대해서는 문의 바랍니다.

			UL 규격(File No.E58109) AC125V, 25V 6A				CSA규격 (File No.LR42726) AC125V, 250V 6A			
극 수	회 로 기 호	회 로 특 성	(TOGGLE SWITCH) 표준 TOGGLE SWITCH LARGE TOGGLE SWITCH SHORT TOGGLE SWITCH LONG TOGGLE SWITCH FLAT LEVER TOGGLE SWITCH ROCK LEVER TOGGLE SWITCH P/C MOUNT용 TOGGLE SWITCH 방수 TOGGLE SWITCH				〈PUSH SWITCH〉 표준 PUSH SWITCH LARGE PUSH SWITCH 〈기타〉 SMALL LEVER SWITCH SMALL ROCKER SWITCH SNAP IN LEVER SWITCH P/C MOUNT용 LEVER SWITCH P/C MOUNT용 ROCKER SWITCH			
			표준단자	굵은 단자	가라게 TYPE	P/C 단자	W/W 단자	VERTICAL 단자 (수직)	HORIZONTAL 단자 (수평)	
단 극	D	ON - ON	○	○	○	○	○	○	○	
	E	ON - OFF - ON	○	○	○	○	○	○	○	
	F	ON - (ON)	○	○	○	○	○	○	○	
	G	(ON) - OFF - (ON)	○	○	○	○	○	○	○	
	H	ON - OFF - (ON)	○	○	○	○	○	○	○	
2 극	N	ON - ON	○	○	○	○	○	○	○	
	P	ON - OFF - ON	○	○	○	○	○	○	○	
	R	ON - (ON)	○	○	○	○	○	○	○	
	S	(ON) - OFF - (ON)	○	○	○	○	○	○	○	
	T	ON - OFF - (ON)	○	○	○	○	○	○	○	
	PA	ON - ON - ON	○	○	○	○	○	○	○	
	SA	(ON) - ON - (ON)	○	○	○	○	○	○	○	
	TA	ON - ON - (ON)	○	○	○	○	○	○	○	
3 극	D	ON - ON	○	○	○	○	○	○	○	
	E	ON - OFF - ON	○	○	○	○	○	○	○	
	F	ON - (ON)	○	○	○	○	○	○	○	
	G	(ON) - OFF - (ON)	○	○	○	○	○	○	○	
	H	ON - OFF - (ON)	○	○	○	○	○	○	○	
4 극	N	ON - ON	○	○	○	○	○	○	○	
	P	ON - OFF - ON	○	○	○	○	○	○	○	
	R	ON - (ON)	○	○	○	○	○	○	○	
	S	(ON) - OFF - (ON)	○	○	○	○	○	○	○	
	T	ON - OFF - (ON)	○	○	○	○	○	○	○	
	PA	ON - ON - ON	○	○	○	○	○	○	○	
	SA	(ON) - ON - (ON)	○	○	○	○	○	○	○	
	TA	ON - ON - (ON)	○	○	○	○	○	○	○	

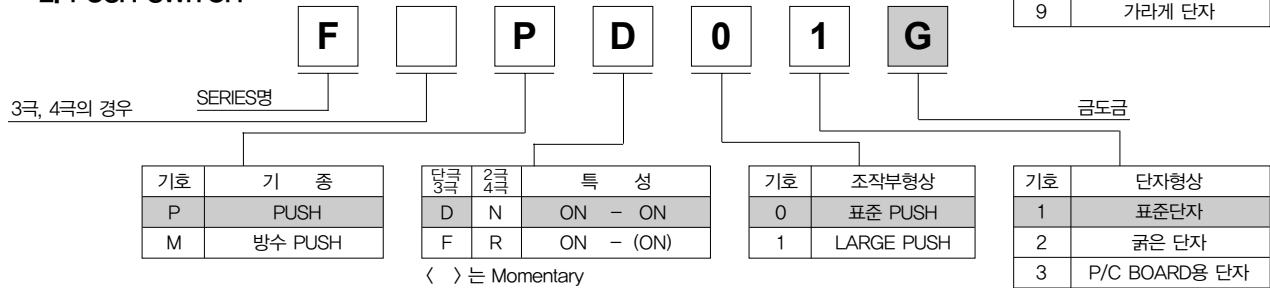
〈 〉는 Momentary

■ 미소전류용 SWITCH의 명칭

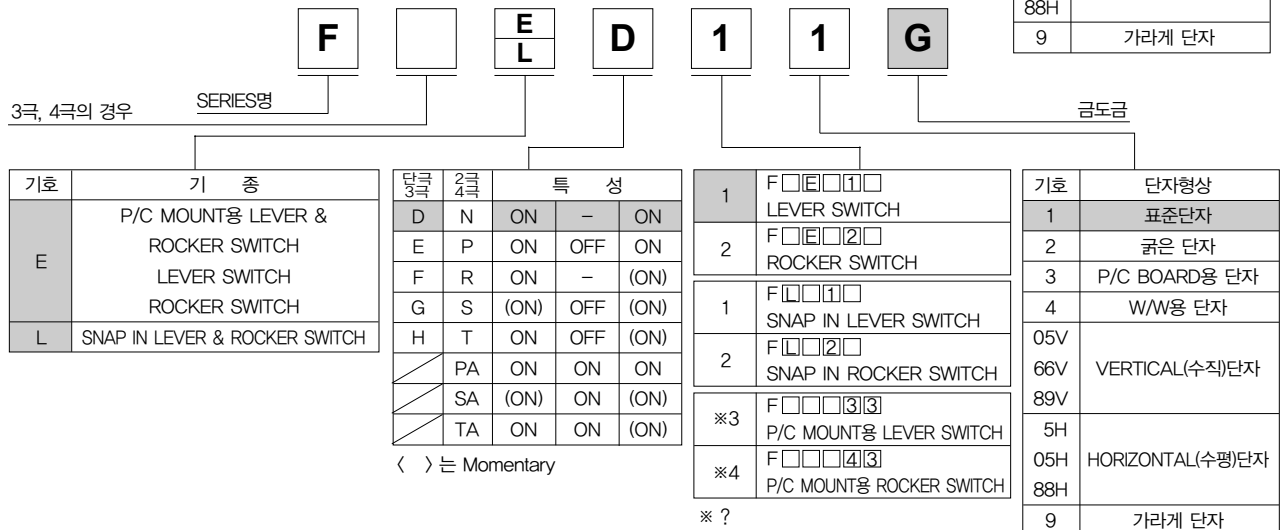
1. TOGGLE SWITCH



2. PUSH SWITCH

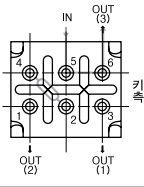
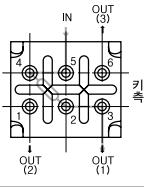
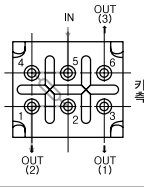


3. LEVER, ROCKER SWITCH P/C MOUNT용 LEVER, ROCKER SWITCH SNAP IN LEVER, ROCKER SWITCH



- SERIES F : 1회로 3접점, 2회로 3접점으로 사용할 경우,
아래와 같이  부분의 외부결선을 하십시오.

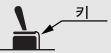
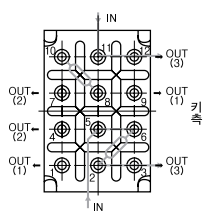
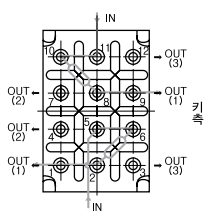
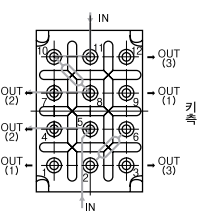
1. 1회로 3접점으로 사용할 경우

스위치 조작방향			
결 선 도			
회로특성	스위치특성		
□□PA□	ON	ON	ON
□□SA□	(ON)	ON	(ON)
□□TA□	ON	ON	(ON)
접속단자	5-6	5-3	5-1

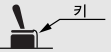
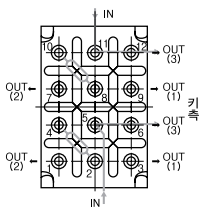
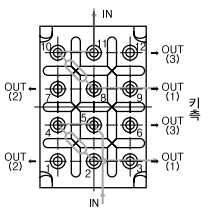
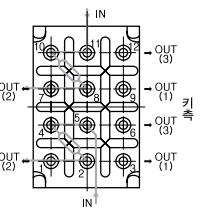
상기 ① ~ ⑥의 단자번호표시는 케이스에는 없습니다.

(ON)은 Momentary

2. 2회로 3접점으로 사용할 경우

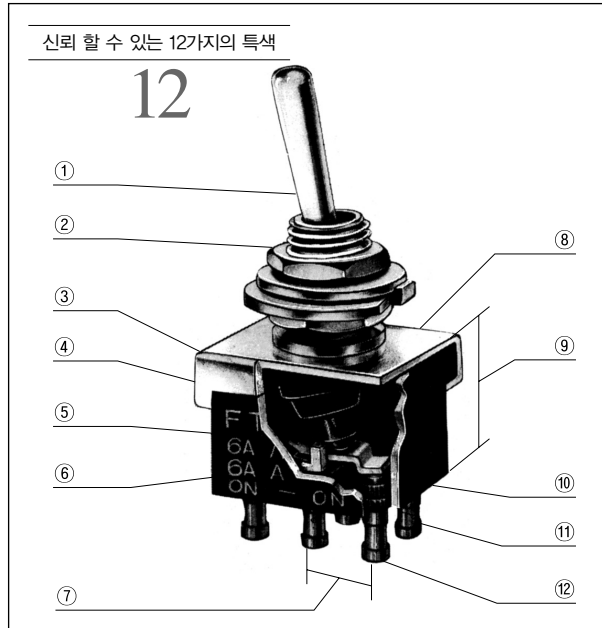
스위치 조작방향			
결 선 도			
회로특성	스위치특성		
□□PA□	ON	ON	ON
접속단자	5-6 11-12	5-3 11-9	5-1 11-7

상기 ① ~ ⑫의 단자번호표시는 케이스에는 없습니다.

스위치 조작방향			
결 선 도			
회로특성	스위치특성		
□□SA□	(ON)	ON	(ON)
□□TA□	ON	ON	(ON)
접속단자	5-6 11-12	5-3 11-9	5-1 11-7

상기 ① ~ ⑫의 단자번호표시는 케이스에는 없습니다.

(ON)은 Momentary



■ 특 색

- ① 판넬 디자인, 용도에 맞춰 선택 가능한 6종류의 조작형상을 준비했습니다.
- ② 노브의 침하를 막기 위해 Stopper를 내장하였습니다.
- ③ 접점을 안정시키기 위해 독립 스프링을 채용하였습니다.
- ④ 쇼트 컷 프레임은 고절연, 고안전성을 유지합니다.
- ⑤ 내연, 내열, 전기절연, 기계적 강도에 강한 94V-0 재질을 채용했기 때문에 납땜시 안전합니다.
- ⑥ 가동 접점면과 커먼 접촉에는 신뢰성 높은 Support를 사용했습니다.
- ⑦ 단자간 거리는 P/C 보드(프린트 기법) 국제규격의 간격을 채택했습니다.
- ⑧ 단자는 영구 산화방지와 납땜을 쉽게 하기 위해 금도금처리를 했습니다.
- ⑨ 단자고착은 후락스 유입을 완전히 방지하는 단자메탈 일체성형을 채용했습니다.
- ⑩ 접점은 접점신뢰성이 높고, 장수명인 순은을 사용했습니다.
- ⑪ 스위치의 높이는 P/C 보드용에 단극에서 4극까지 동일 치수입니다.
- ⑫ 프레임은 스테인레스를 사용합니다.

■ 품명

SERIES명		F		T	D	0	1
3극 · 4극의 경우에만기입							

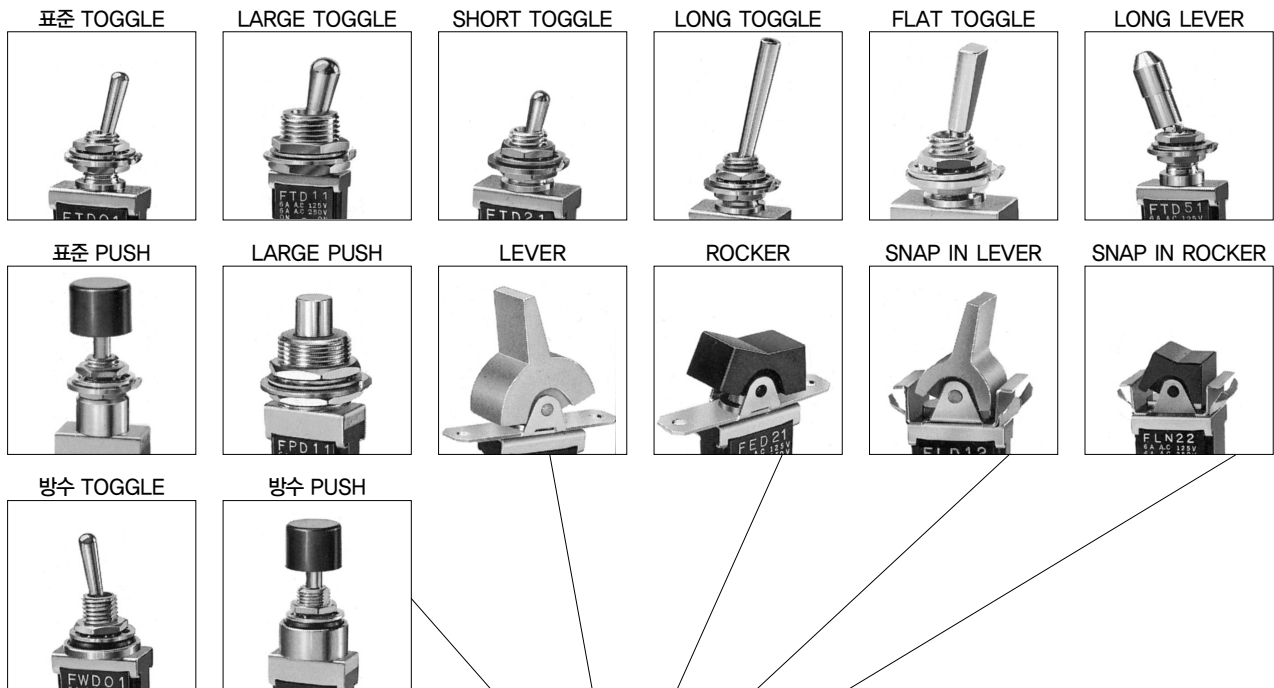
기 호	기 종	단극 3극	2극 4극	특 성		
T	TOGGLE SWITCH	D	N	ON	-	ON
W	방수 TOGGLE SWITCH	E	P	ON	OFF	ON
H	P/C MOUNT TOGGLE SWITCH	F	R	ON	-	(ON)
P	PUSH SWITCH	G	S	(ON)	OFF	(ON)
M	방수 PUSH SWITCH	H	T	ON	OFF	(ON)
E	P/C MOUNT용 LEVER & ROCKER SWITCH	PA	ON	ON	ON	
	LEVER SWITCH	SA	(ON)	ON	(ON)	
	ROCKER SWITCH	TA	ON	ON	(ON)	
L	SNAP IN LEVER & ROCKER SWITCH	< > 는 Momentary				

기 호	조작부 형상
0	표준 TOGGLE SWITCH 또는 표준 PUSH SWITCH
1	LARGE TOGGLE SWITCH 또는 LARGE PUSH SWITCH
2	SHORT TOGGLE SWITCH
3	LONG TOGGLE SWITCH
4	FLAT TOGGLE SWITCH
5	LONG LEVER SWITCH
FE FL의 경우	
1	F□E□1□ LEVER SWITCH
2	F□E□2□ ROCKER SWITCH
1	FL□1□ SNAP IN LEVER SWITCH
2	FL□2□ SNAP IN ROCKER SWITCH
3	F□H□3 3 P/C MOUNT용 LEVER SWITCH
4	F□E□4 3 P/C MOUNT용 ROCKER SWITCH

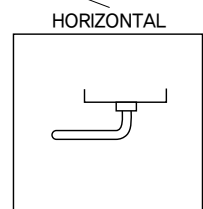
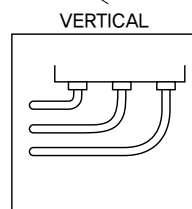
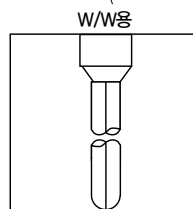
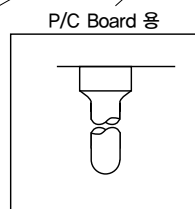
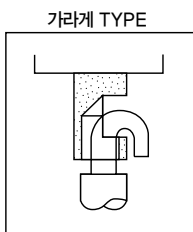
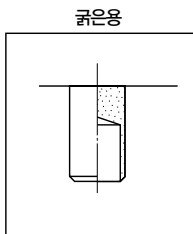
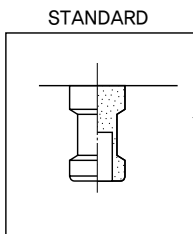
기 호	단자형상
1	표준단자
2	굵은 단자
3	P/C BOARD용 단자
4	W/W용 단자
05V	VERTICAL(수직)단자
66V	
89V	
5H	HORIZONTAL(수평)단자
05H	
88H	
9	가라게 단자

VARIATION

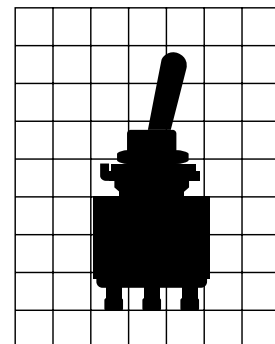
조작부형상 · 단자형상



● 납땜단자



실물 Size



표준 TOGGLE SWITCH

납땜단자 : STANDARD · 굽은 TYPE · 가라게 TYPE

단극 · 2극 · 3극 · 4극



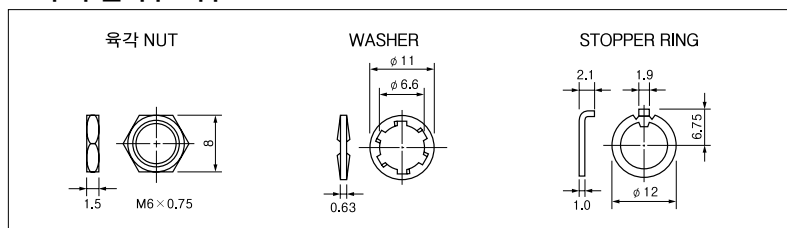
단 극	품 명			회 로	SWITCH 특성 < > 는 Momentary		
	STANDARD	굽은 Type	가라게 Type				
	FTD01	FTD02	FTD09	단극쌍투	ON 2-3	—	ON 2-1
	FTE01	FTE02	FTE09	"	ON 2-3	OFF	ON 2-1
	FTF01	FTF02	FTF09	"	ON 2-3	—	<ON> 2-1
	FTG01	FTG02	FTG09	"	<ON> 2-3	OFF	<ON> 2-1
	FTH01	FTH02	FTH09	"	ON 2-3	OFF	<ON> 2-1

2 극	품 명			회 로	SWITCH 특성 < > 는 Momentary		
	STANDARD	굽은 Type	가라게 Type				
	FTN01	FTN02	FTN09	2극쌍투	ON 2-3, 5-6	—	ON 2-1, 5-4
	FTP01	FTP02	FTP09	"	ON 2-3, 5-6	OFF	ON 2-1, 5-4
	FTR01	FTR02	FTR09	"	ON 2-3, 5-6	—	<ON> 2-1, 5-4
	FTS01	FTS02	FTS09	"	<ON> 2-3, 5-6	OFF	<ON> 2-1, 5-4
	FTT01	FTT02	FTT09	"	ON 2-3, 5-6	OFF	<ON> 2-1, 5-4
	FTPA01	FTPA02	FTPA09	단극3투	ON 2-3, 5-6	ON 2-3, 4-5	ON 2-1, 5-4
	FTSA01	FTSA02	FTSA09	"	<ON> 2-3, 5-6	ON 2-3, 4-5	<ON> 2-1, 5-4
	FTTA01	FTTA02	FTTA09	"	ON 2-3, 5-6	ON 2-3, 4-5	<ON> 2-1, 5-4

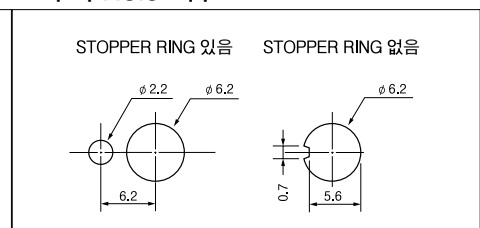
3 극	품 명			회 로	SWITCH 특성 < > 는 Momentary		
	STANDARD	굽은 Type	가라게 Type				
	F3TD01	F3TD02	F3TD09	3극쌍투	ON 2-3, 8-9, 5-6	—	ON 2-1, 8-7, 5-4
	F3TE01	F3TE02	F3TE09	"	ON 2-3, 8-9, 5-6	OFF	ON 2-1, 8-7, 5-4
	F3TF01	F3TF02	F3TF09	"	ON 2-3, 8-9, 5-6	—	<ON> 2-1, 8-7, 5-4
	F3TG01	F3TG02	F3TG09	"	<ON> 2-3, 8-9, 5-6	OFF	<ON> 2-1, 8-7, 5-4
	F3TH01	F3TH02	F3TH09	"	ON 2-3, 8-9, 5-6	OFF	<ON> 2-1, 8-7, 5-4

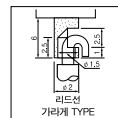
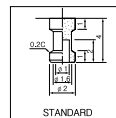
4 극	품 명			회 로	SWITCH 특성 < > 는 Momentary		
	STANDARD	굽은 Type	가라게 Type				
	F4TN01	F4TN02	F4TN09	4극쌍투	ON 2-3, 8-9, 5-6, 11-12	—	ON 2-1, 8-7, 5-4, 11-10
	F4TP01	F4TP02	F4TP09	"	ON 2-3, 8-9, 5-6, 11-12	OFF	ON 2-1, 8-7, 5-4, 11-10
	F4TR01	F4TR02	F4TR09	"	ON 2-3, 8-9, 5-6, 11-12	—	<ON> 2-1, 8-7, 5-4, 11-10
	F4TS01	F4TS02	F4TS09	"	<ON> 2-3, 8-9, 5-6, 11-12	OFF	<ON> 2-1, 8-7, 5-4, 11-10
	F4TT01	F4TT02	F4TT09	"	ON 2-3, 8-9, 5-6, 11-12	OFF	<ON> 2-1, 8-7, 5-4, 11-10
	F4TPA01	F4TPA02	F4TPA09	2극3투	ON 2-3, 8-9, 5-6, 11-12	ON 1-2, 8-9, 5-6, 11-10	ON 2-1, 8-7, 5-4, 11-10
	F4TSA01	F4TSA02	F4TSA09	"	<ON> 2-3, 8-9, 5-6, 11-12	ON 1-2, 8-9, 5-6, 11-10	<ON> 2-1, 8-7, 5-4, 11-10
	F4TTA01	F4TTA02	F4TTA09	"	ON 2-3, 8-9, 5-6, 11-12	ON 1-2, 8-9, 5-6, 11-10	<ON> 2-1, 8-7, 5-4, 11-10

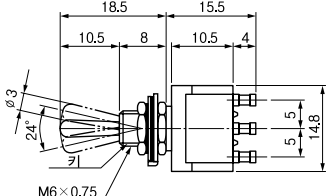
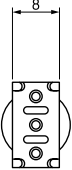
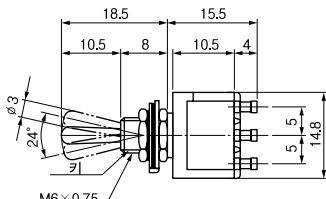
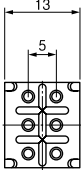
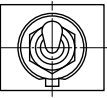
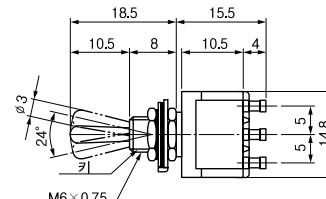
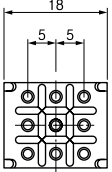
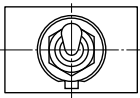
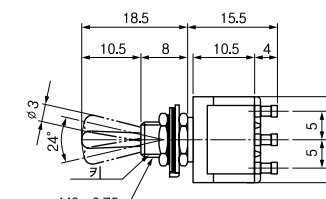
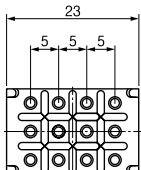
■ 부착 금속구 치수



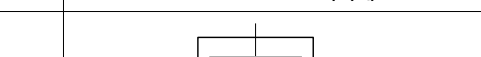
● 부착 Hole 치수

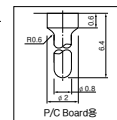




단극					치수도 / STANDARD 단자
2극					치수도 / STANDARD 단자
3극					치수도 / STANDARD 단자
4극					치수도 / STANDARD 단자

■ 단자부형상

짧은용	가라게 TYPE
	

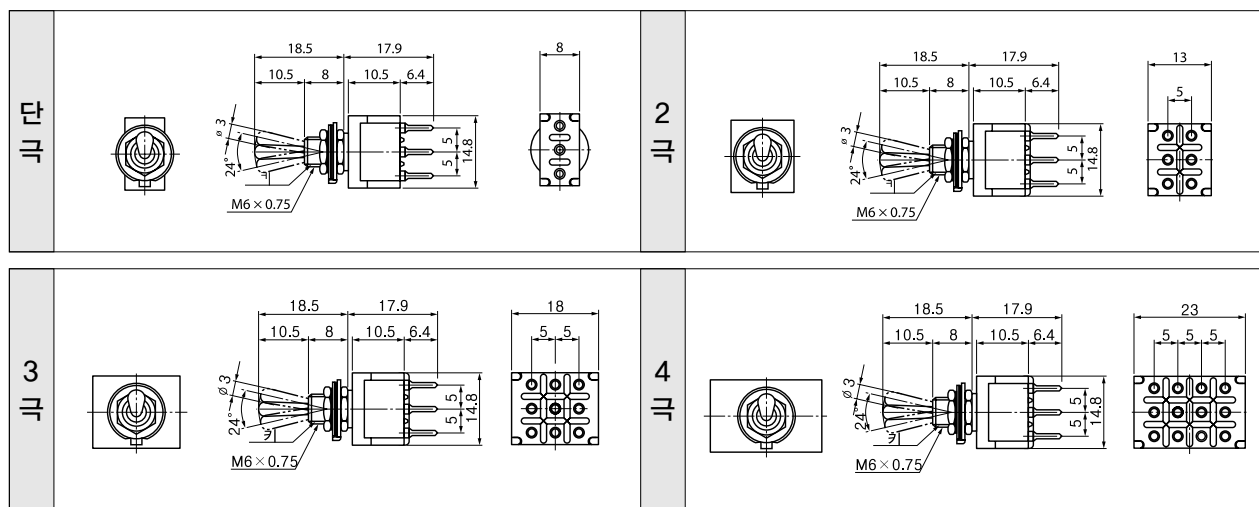


품 명	회 로	SWITCH 특성 < 〃는 Momentary		
단 극				
FTD03	단극쌍투	ON 2~3	—	ON 2~1
FTE03	〃	ON 2~3	OFF	ON 2~1
FTF03	〃	ON 2~3	—	<ON> 2~1
FTG03	〃	<ON> 2~3	OFF	<ON> 2~1
FTH03	〃	ON 2~3	OFF	<ON> 2~1

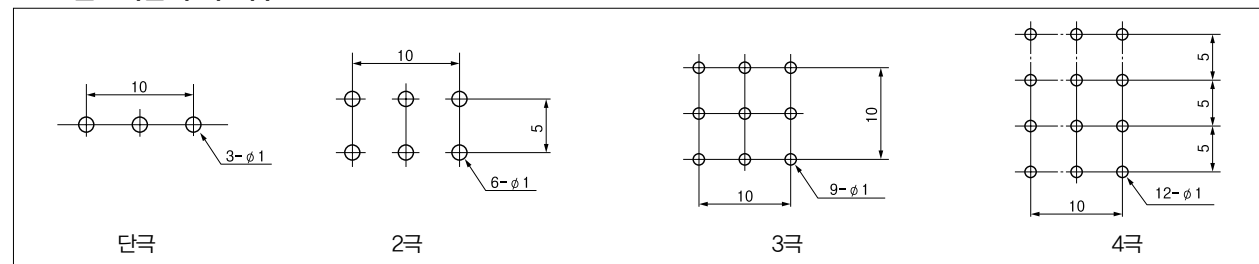
품 명		SWITCH 특성 < 〉는 Momentary		
2 극	회 로			
FTN03	2극쌍투	ON $\frac{2-3}{5-6}$	—	ON $\frac{2-1}{5-4}$
FTP03	"	ON $\frac{2-3}{5-6}$	OFF	ON $\frac{2-1}{5-4}$
FTR03	"	ON $\frac{2-3}{5-6}$	—	<ON> $\frac{2-1}{5-4}$
FTS03	"	<ON> $\frac{2-3}{5-6}$	OFF	<ON> $\frac{2-1}{5-4}$
FTT03	"	ON $\frac{2-3}{5-6}$	OFF	<ON> $\frac{2-1}{5-4}$
FTPA03	단극3투	ON $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	ON $\frac{2-1}{5-4}$
FTSA03	"	<ON> $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	<ON> $\frac{2-1}{5-4}$
FTTA03	"	ON $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	<ON> $\frac{2-1}{5-4}$

품 명	회 로	SWITCH 특성 < 〉는 Momentary		
3 극				
F3TD03	3극쌍투	ON $\frac{2-3}{5-6}$ 8-9	—	ON $\frac{2-1}{5-4}$ 8-7
F3TE03	"	ON $\frac{2-3}{5-6}$ 8-9	OFF	ON $\frac{2-1}{5-4}$ 8-7
F3TF03	"	ON $\frac{2-3}{5-6}$ 8-9	—	<ON> $\frac{2-1}{5-4}$ 8-7
F3TG03	"	<ON> $\frac{2-3}{5-6}$ 8-9	OFF	<ON> $\frac{2-1}{5-4}$ 8-7
F3TH03	"	ON $\frac{2-3}{5-6}$ 8-9	OFF	<ON> $\frac{2-1}{5-4}$ 8-7

품 명	회 로	SWITCH 특성 < ㉠ Momentary		
				
F4TN03	4극쌍투	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	—	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4TP03	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4TR03	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	—	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4TS03	"	<ON> $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4TT03	"	<ON> $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4TPA03	2극3투	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{1-2}{5-6} \frac{8-9}{11-10}$	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4TSA03	"	<ON> $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{2-3}{5-6} \frac{8-9}{11-10}$	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4TTA03	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{2-3}{5-6} \frac{8-9}{11-10}$	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$



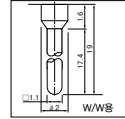
■ 프린트기판 부착 치수



표준 TOGGLE SWITCH

W/W용 단자
UL CSA

단극 · 2극
3극 · 4극

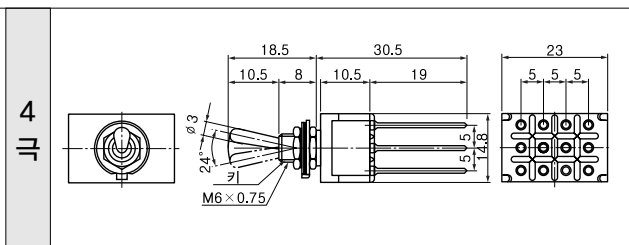
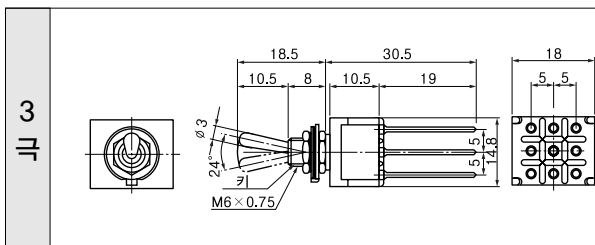
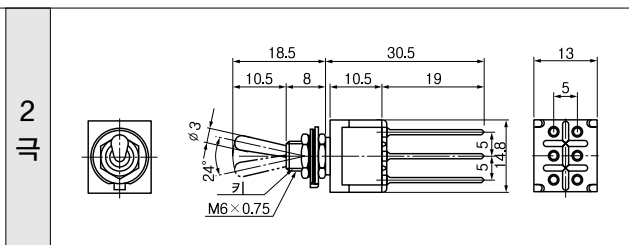
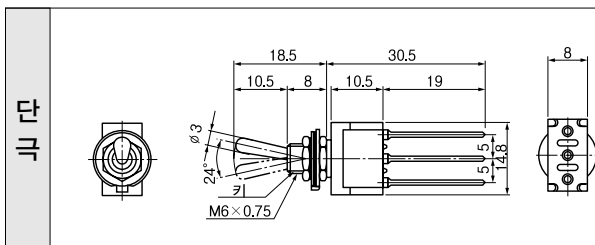


품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FTD04	단극쌍투	ON 2-3	—	ON 2-1
FTE04	"	ON 2-3	OFF	ON 2-1
FTF04	"	ON 2-3	—	<ON> 2-1
FTG04	"	<ON> 2-3	OFF	<ON> 2-1
FTH04	"	ON 2-3	OFF	<ON> 2-1

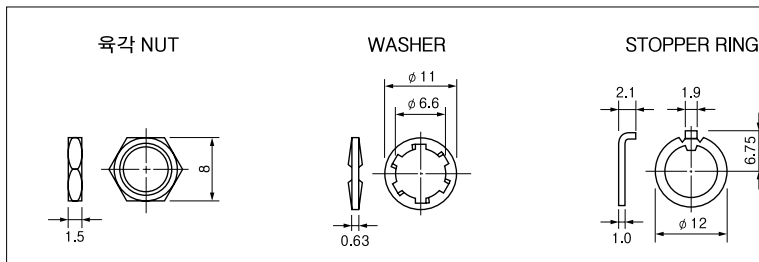
품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FTN04	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FTP04	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FTR04	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FTS04	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FTT04	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FTPA04	단극3투	ON 2-3 5-6	ON 2-3 4-5	ON 2-1 5-4
FTSA04	"	<ON> 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4
FTTA04	"	ON 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4

품명	회로	SWITCH 특성 < >는 Momentary		
3극				
F3TD04	3극쌍투	ON 2-3 8-9 5-6	—	ON 2-1 8-7 5-4
F3TE04	"	ON 2-3 8-9 5-6	OFF	ON 2-1 8-7 5-4
F3TF04	"	ON 2-3 8-9 5-6	—	<ON> 2-1 8-7 5-4
F3TG04	"	<ON> 2-3 8-9 5-6	OFF	<ON> 2-1 8-7 5-4
F3TH04	"	ON 2-3 8-9 5-6	OFF	<ON> 2-1 8-7 5-4

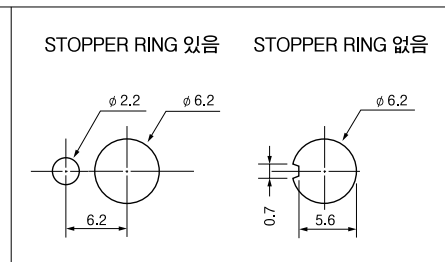
품명	회로	SWITCH 특성 < >는 Momentary		
4극				
F4TN04	4극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
F4TP04	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F4TR04	"	ON 2-3 8-9 5-6 11-12	—	<ON> 2-1 8-7 5-4 11-10
F4TS04	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4TT04	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4TPA04	2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
F4TSA04	"	<ON> 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10
F4TTA04	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10



■ 부착 금속구 치수



■ 부착 Hole 치수

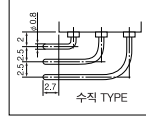


표준 TOGGLE SWITCH

P/C VERTICAL 단자 (수직)

단극 · 2극

3극 · 4극



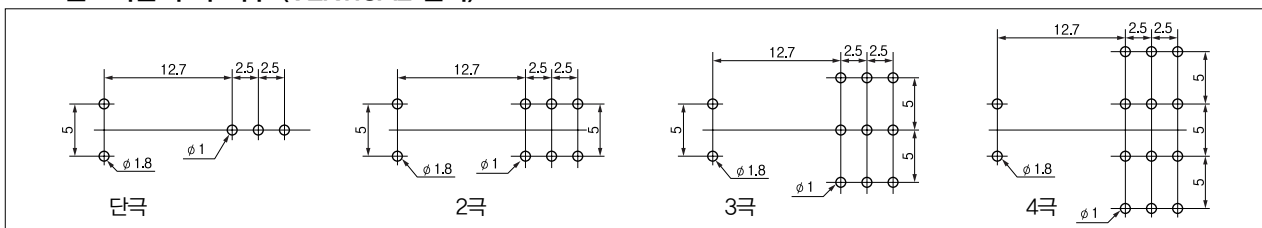
단 극	품 명			회 로	SWITCH 특성 < > 는 Momentary		
	P/C VERTICAL 단자						
	슬리브 나사 있음	슬리브 나사 없음	슬리브 나사 없음 SHORT TOGGLE				
	FTD05V	FTD66V	FTD89V	단극쌍투	ON 2-3	—	ON 2-1
	FTE05V	FTE66V	FTE89V	"	ON 2-3	OFF	ON 2-1
	FTF05V	FTF66V	FTF89V	"	ON 2-3	—	<ON> 2-1
	FTG05V	FTG66V	FTG89V	"	<ON> 2-3	OFF	<ON> 2-1
	FTH05V	FTH66V	FTH89V	"	ON 2-3	OFF	<ON> 2-1

2 극	품 명			회 로	SWITCH 특성 < > 는 Momentary		
	P/C VERTICAL 단자						
	슬리브 나사 있음	슬리브 나사 없음	슬리브 나사 없음 SHORT TOGGLE				
	FTN05V	FTN66V	FTN89V	2극쌍투	ON 2-3 4-5	—	ON 2-1 5-4
	FTP05V	FTP66V	FTP89V	"	ON 2-3 5-6	OFF	ON 2-1 5-4
	FTR05V	FTR66V	FTR89V	"	ON 2-3 5-6	—	<ON> 2-1 5-4
	FTS05V	FTS66V	FTS89V	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
	FTT05V	FTT66V	FTT89V	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
	FTPA05V	FTPA66V	FTPA89V	단극3투	ON 2-3 4-5	ON 2-3 4-5	ON 2-1 5-4
FTSA05V	FTSA66V	FTSA89V	"	<ON> 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4	
FTTA05V	FTTA66V	FTTA89V	"	ON 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4	

3 극	품 명			회 로	SWITCH 특성 < > 는 Momentary						
	P/C VERTICAL 단자										
	슬리브 나사 있음	슬리브 나사 없음	슬리브 나사 없음 SHORT TOGGLE								
	F3TD05V	F3TD66V	F3TD89V					3극쌍투	ON 2-3 5-6 8-9	—	ON 2-1 8-7 5-4
	F3TE05V	F3TE66V	F3TE89V					"	ON 2-3 5-6 8-9	OFF	ON 2-1 8-7 5-4
	F3TF05V	F3TF66V	F3TF89V					"	ON 2-3 5-6 8-9	—	<ON> 2-1 8-7 5-4
F3TG05V	F3TG66V	F3TG89V	"	<ON> 2-3 5-6 8-9	OFF	<ON> 2-1 8-7 5-4					
F3TH05V	F3TH66V	F3TH89V	"	ON 2-3 5-6 8-9	OFF	<ON> 2-1 8-7 5-4					

4 극	품 명			회 로	SWITCH 특성 < > 는 Momentary			
	P/C VERTICAL 단자							
	슬리브 나사 있음	슬리브 나사 없음	슬리브 나사 없음 SHORT TOGGLE					
	F4TN05V	F4TN66V	F4TN89V		4극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
	F4TP05V	F4TP66V	F4TP89V		"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
	F4TR05V	F4TR66V	F4TR89V		"	ON 2-3 8-9 5-6 11-12	—	<ON> 2-1 8-7 5-4 11-10
	F4TS05V	F4TS66V	F4TS89V		"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
	F4TT05V	F4TT66V	F4TT89V		"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
	F4TPA05V	F4TPA66V	F4TPA89V		2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
	F4TSA05V	F4TSA66V	F4TSA89V		"	<ON> 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10
F4TTA05V	F4TTA66V	F4TTA89V	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10		

■ 프린트기판 부착 치수 (VERTICAL 단자)





단

※플레이트 부착 단자는 폭이 1.2도 있으니 문의바랍니다.

치수도 / 슬리브 나사 있음

2 핀

※플레이트 부착 단자는 폭이 1.2도 있으니 문의바랍니다.

치수도 / 슬리브 나사 있음

[illegible]

4 핀

F4TN 05V
5A C 125V
5A C 250V
ON

1.6

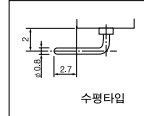
20
10.5
9.5
12.7
2.5
2.5
10.75
14.8
5
5
5
23

24°
M6 x 0.75
t=0.5

※플레이트 부착 단자는 폭이 1.2도 있으나 문의바랍니다.

차수도 / 슬리브 나사 있음

슬리브 나사 없음	슬리브 나사 없음 SHORT TOGGLE	슬리브 나사 부착치수



■ 단극

품 명			회 로	SWITCH 특성 < 〉는 Momentary		
P/C VERTICAL 단자						
슬리브 나사 있음	슬리브 나사 없음	슬리브 나사 없음 SHORT TOGGLE				
FTD05H	FTD65H	FTD88H	단극쌍투	ON 2-3	—	ON 2-1
FTE05H	FTE65H	FTE88H	„	ON 2-3	OFF	ON 2-1
FTF05H	FTF65H	FTF88H	„	ON 2-3	—	<ON> 2-1
FTG05H	FTG65H	FTG88H	„	<ON> 2-3	OFF	<ON> 2-1
FTH05H	FTH65H	FTH88H	„	ON 2-3	OFF	<ON> 2-1

■ 2극

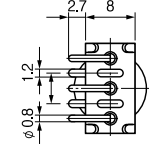
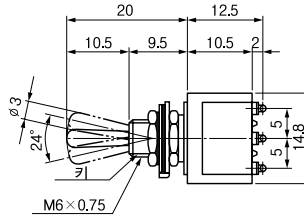
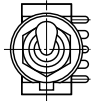
품 명			회 로	SWITCH 특성 < > 는 Momentary		
P/C VERTICAL 단자						
슬리브 나사 있음	슬리브 나사 없음	슬리브 나사 없음 SHORT TOGGLE				
FTN05H	FTN66H	FTN89H	2극쌍투	ON $\frac{2-3}{5-6}$	—	ON 2-1 5-4
FTP05H	FTP66H	FTP89H	"	ON $\frac{2-3}{5-6}$	OFF	ON 2-1 5-4
FTR05H	FTR66H	FTR89H	"	ON $\frac{2-3}{5-6}$	—	<ON> 2-1 5-4
FTS05H	FTS66H	FTS89H	"	<ON> $\frac{2-3}{5-6}$	OFF	<ON> 2-1 5-4
FTT05H	FTT66H	FTT89H	"	ON $\frac{2-3}{5-6}$	OFF	<ON> 2-1 5-4
FTPA05H	FTPA66H	FTPA89H	단극3투	ON 2 $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	ON 2-1 5-4
FTSA05H	FTSA66H	FTSA89H	"	<ON> $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	<ON> 2-1 5-4
FTTA05H	FTTA66H	FTTA89H	"	ON $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	<ON> 2-1 5-4

[illegible]

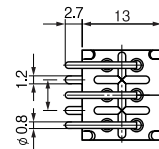
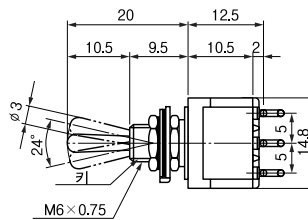
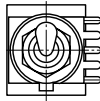
■ 프린트기판 부착 치수 (HORIZONTAL 단자)



단극

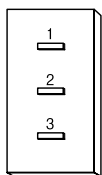


2극

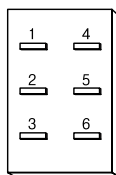


단자번호도

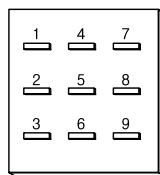
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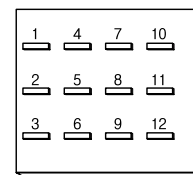
키측
단극



키측
2극



키측
3극



키측
4극

LARGE TOGGLE SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 4 W/W용 9 가라게 TYPE

단극 · 2극 · 3극 · 4극

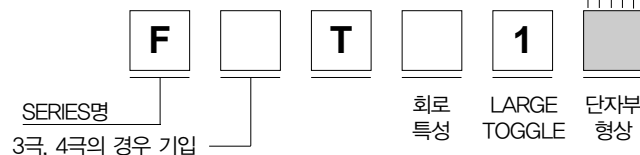
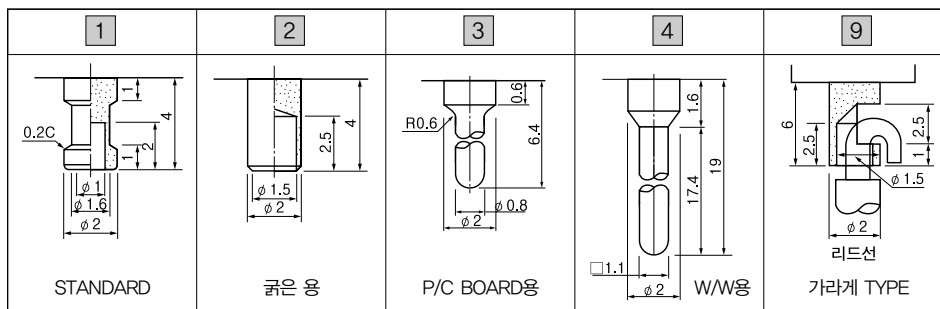
품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FTD1	단극쌍투	ON 2-3	—	ON 2-1
FTE1	"	ON 2-3	OFF	ON 2-1
FTF1	"	ON 2-3	—	<ON> 2-1
FTG1	"	<ON> 2-3	OFF	<ON> 2-1
FTH1	"	ON 2-3	OFF	<ON> 2-1

품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FTN1	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FTP1	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FTR1	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FTS1	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FTT1	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FTPA1	단극3투	ON 2-3 5-6	ON 2-3 4-5	ON 2-1 5-4
FTSA1	"	<ON> 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4
FTTA1	"	ON 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4

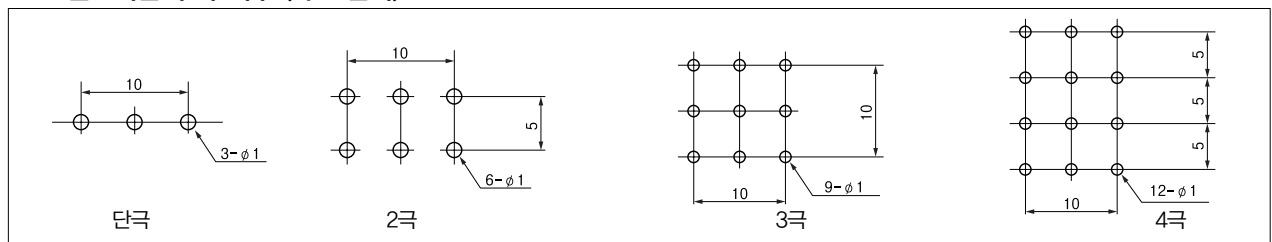
품명	회로	SWITCH 특성 < >는 Momentary		
3극				
F3TD1	3극쌍투	ON 2-3 8-9 5-4	—	ON 2-1 8-7 5-4
F3TE1	"	ON 2-3 8-9 5-4	OFF	ON 2-1 8-7 5-4
F3TF1	"	ON 2-3 8-9 5-4	—	<ON> 2-1 8-7 5-4
F3TG1	"	<ON> 2-3 8-9 5-4	OFF	<ON> 2-1 8-7 5-4
F3TH1	"	ON 2-3 8-9 5-4	OFF	<ON> 2-1 8-7 5-4

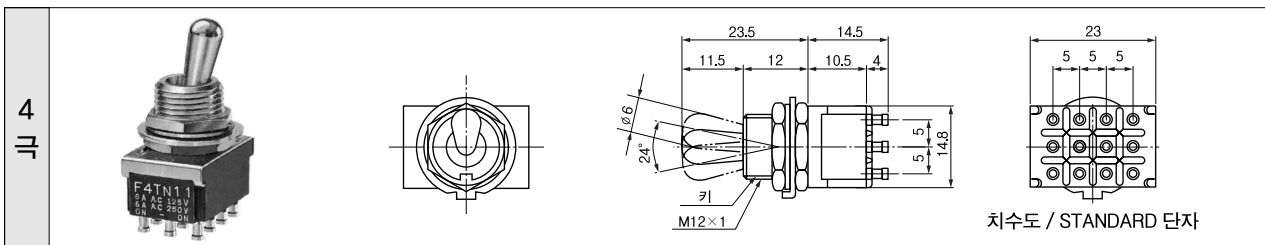
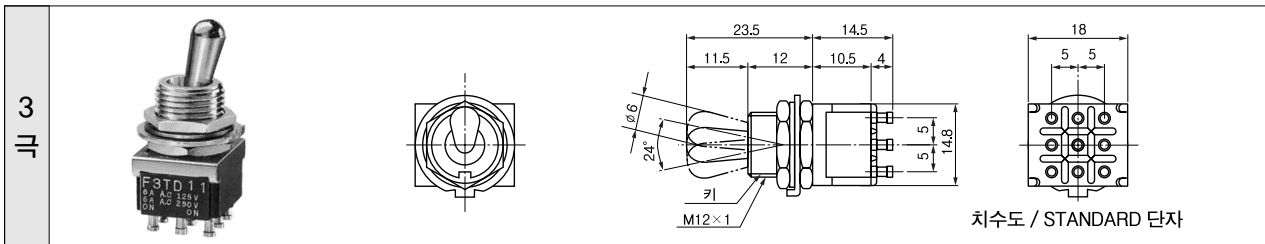
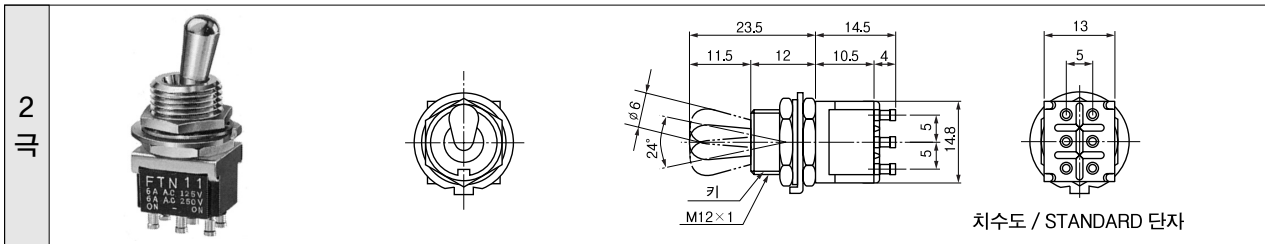
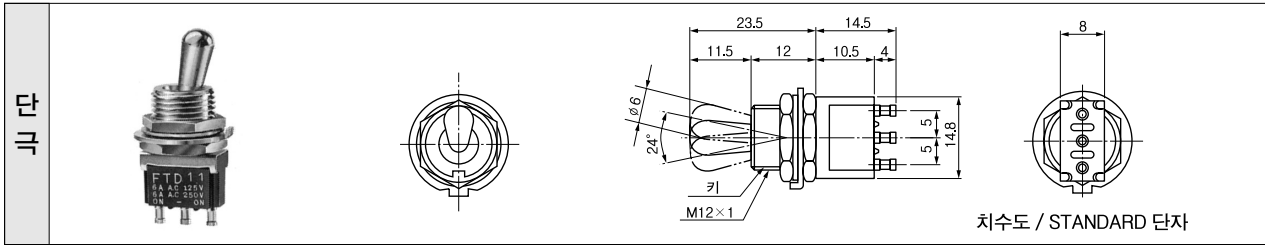
품명	회로	SWITCH 특성 < >는 Momentary		
4극				
F4TN1	4극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
F4TP1	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F4TR1	"	ON 2-3 8-9 5-6 11-12	—	<ON> 2-1 8-7 5-4 11-10
F4TS1	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4TT1	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4TPA1	2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
F4TSA1	"	<ON> 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10
F4TTA1	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10

● 단자부형상

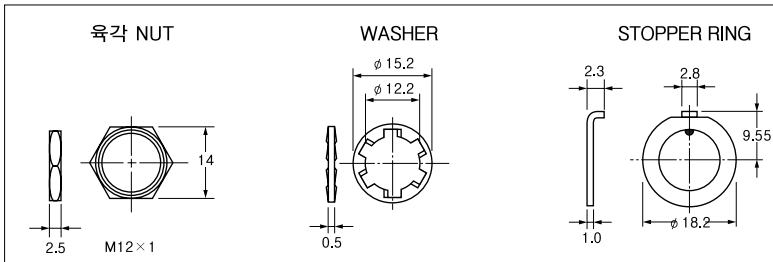


■ 프린트기판 부착 치수 (P/C 단자)

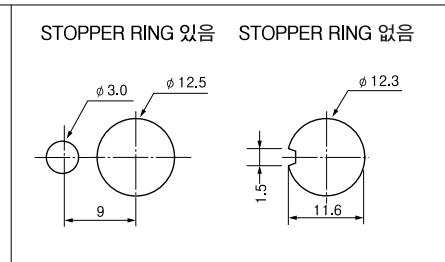




■ 부착 금속구 치수



■ 부착 Hole 치수



SHORT TOGGLE SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 4 W/W용 9 가라게 TYPE

단극 · 2극 · 3극 · 4극

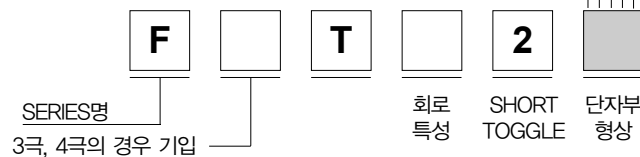
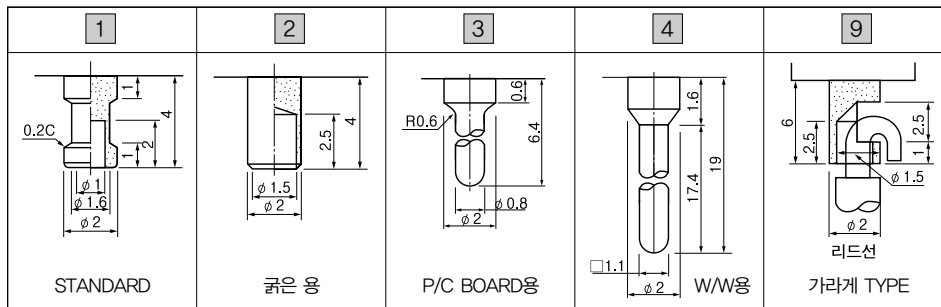
품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FTD2	단극쌍투	ON 2-3	—	ON 2-1
FTE2	"	ON 2-3	OFF	ON 2-1
FTF2	"	ON 2-3	—	<ON> 2-1
FTG2	"	<ON> 2-3	OFF	<ON> 2-1
FTH2	"	ON 2-3	OFF	<ON> 2-1

품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FTN2	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FTP2	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FTR2	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FTS2	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FTT2	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FTPA2	단극3투	ON 2-3 5-6	ON 2-3 5-6	ON 2-1 5-4
FTSA2	"	<ON> 2-3 5-6	ON 2-3 5-6	<ON> 2-1 5-4
FTTA2	"	ON 2-3 5-6	ON 2-3 5-6	<ON> 2-1 5-4

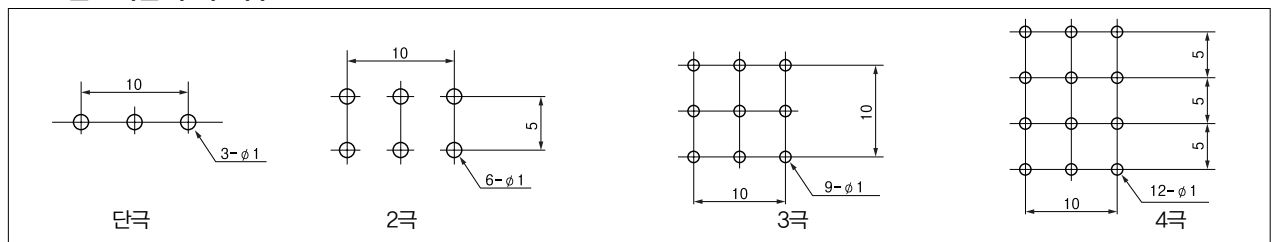
품명	회로	SWITCH 특성 < >는 Momentary		
3극				
F3TD2	3극쌍투	ON 2-3 5-6 8-9	—	ON 2-1 5-4 8-7
F3TE2	"	ON 2-3 5-6 8-9	OFF	ON 2-1 5-4 8-7
F3TF2	"	ON 2-3 5-6 8-9	—	<ON> 2-1 5-4 8-7
F3TG2	"	<ON> 2-3 5-6 8-9	OFF	<ON> 2-1 5-4 8-7
F3TH2	"	ON 2-3 5-6 8-9	OFF	<ON> 2-1 5-4 8-7

품명	회로	SWITCH 특성 < >는 Momentary		
4극				
F4TN2	4극쌍투	ON 2-3 5-6 8-9 11-12	—	ON 2-1 5-4 8-7 11-10
F4TP2	"	ON 2-3 5-6 8-9 11-12	OFF	ON 2-1 5-4 8-7 11-10
F4TR2	"	ON 2-3 5-6 8-9 11-12	—	<ON> 2-1 5-4 8-7 11-10
F4TS2	"	<ON> 2-3 5-6 8-9 11-12	OFF	<ON> 2-1 5-4 8-7 11-10
F4TT2	"	ON 2-3 5-6 8-9 11-12	OFF	<ON> 2-1 5-4 8-7 11-10
F4TPA2	2극3투	ON 2-3 5-6 8-9 11-12	ON 1-2 5-6 8-9 11-10	ON 2-1 5-4 8-7 11-10
F4TSA2	"	<ON> 2-3 5-6 8-9 11-12	ON 1-2 5-6 8-9 11-10	<ON> 2-1 5-4 8-7 11-10
F4TTA2	"	ON 2-3 5-6 8-9 11-12	ON 1-2 5-6 8-9 11-10	<ON> 2-1 5-4 8-7 11-10

● 단자부형상



■ 프린트기판 부착 치수





단극					치수도 / STANDARD 단자
2극					치수도 / STANDARD 단자
3극					치수도 / STANDARD 단자
4극					치수도 / STANDARD 단자

■ 부착 금속구 치수

육각 NUT	WASHER	STOPPER RING	STOPPER RING 있음	STOPPER RING 없음

■ 부착 Hole 치수

LONG TOGGLE SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 4 W/W용 9 가라게 TYPE

단극 · 2극 · 3극 · 4극

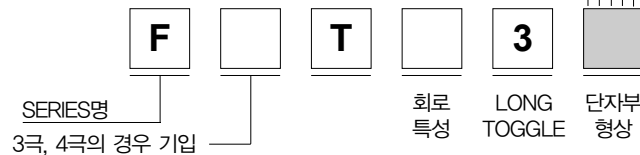
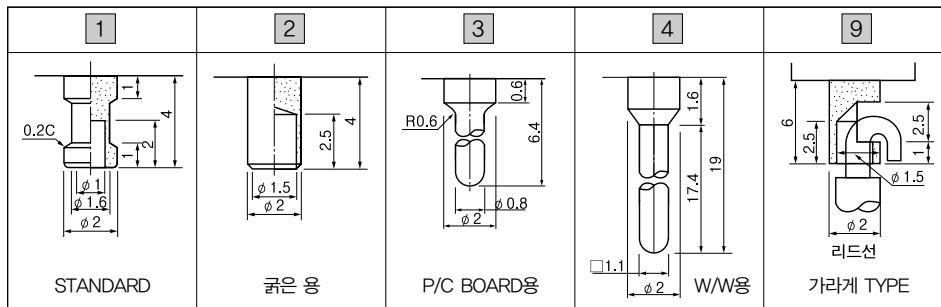
품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FTD3	단극쌍투	ON 2-3	—	ON 2-1
FTE3	"	ON 2-3	OFF	ON 2-1
FTF3	"	ON 2-3	—	<ON> 2-1
FTG3	"	<ON> 2-3	OFF	<ON> 2-1
FTH3	"	ON 2-3	OFF	<ON> 2-1

품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FTN3	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FTP3	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FTR3	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FTS3	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FTT3	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FTPA3	단극3투	ON 2-3 5-6	ON 2-3 4-5	ON 2-1 5-4
FTSA3	"	<ON> 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4
FTTA3	"	ON 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4

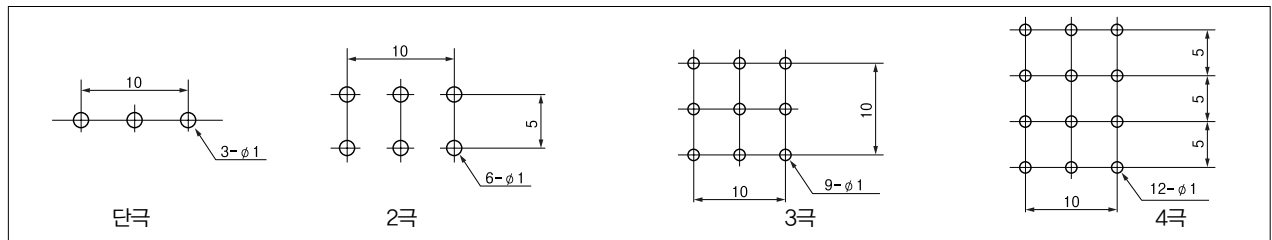
품명	회로	SWITCH 특성 < >는 Momentary		
3극				
F3TD3	3극쌍투	ON 2-3 8-9 5-6 4-7	—	ON 2-1 8-7 5-4 11-10
F3TE3	"	ON 2-3 8-9 5-6 4-7	OFF	ON 2-1 8-7 5-4 11-10
F3TF3	"	ON 2-3 8-9 5-6 4-7	—	<ON> 2-1 8-7 5-4 11-10
F3TG3	"	<ON> 2-3 8-9 5-6 4-7	OFF	<ON> 2-1 8-7 5-4 11-10
F3TH3	"	ON 2-3 8-9 5-6 4-7	OFF	<ON> 2-1 8-7 5-4 11-10

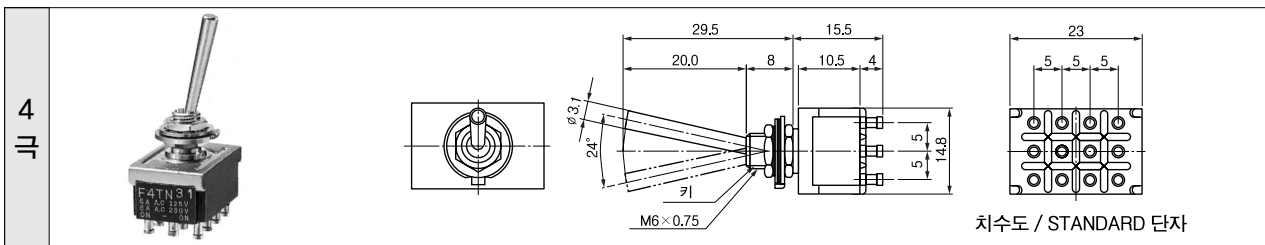
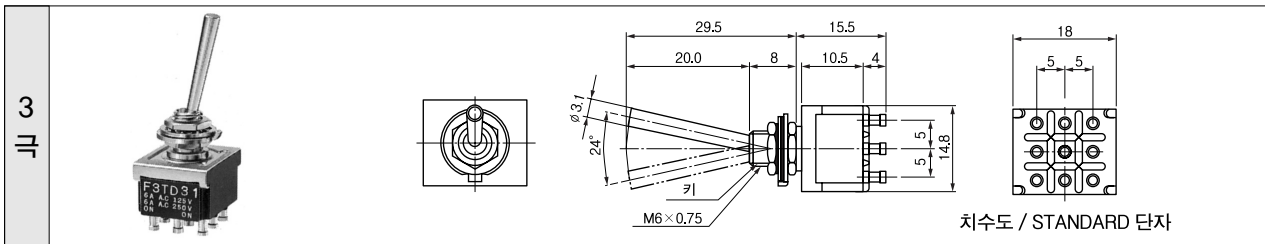
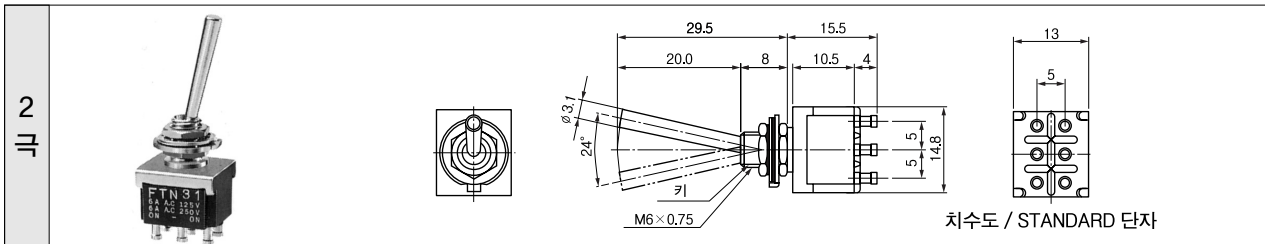
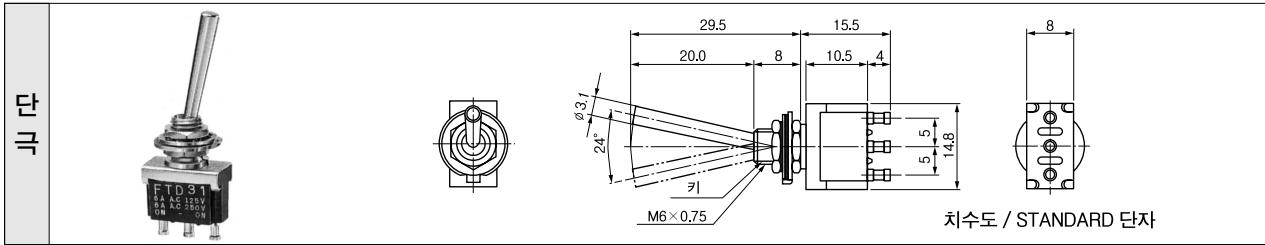
품명	회로	SWITCH 특성 < >는 Momentary		
4극				
F4TN3	4극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
F4TP3	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F4TR3	"	ON 2-3 8-9 5-6 11-12	—	<ON> 2-1 8-7 5-4 11-10
F4TS3	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4TT3	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4TPA3	2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
F4TSA3	"	<ON> 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10
F4TTA3	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10

● 단자부형상

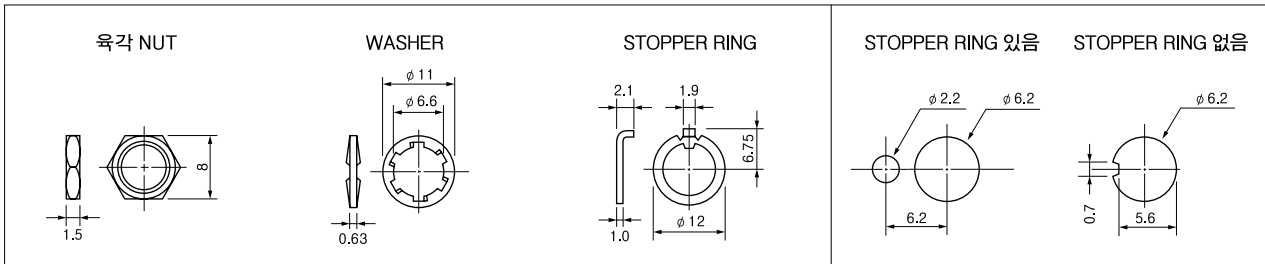


■ 프린트기판 부착 치수





■ 부착 금속구 치수



FLAT LEVER TOGGLE SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 4 W/W용 9 가라게 TYPE

단극 · 2극 · 3극 · 4극

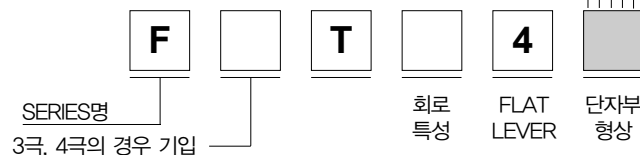
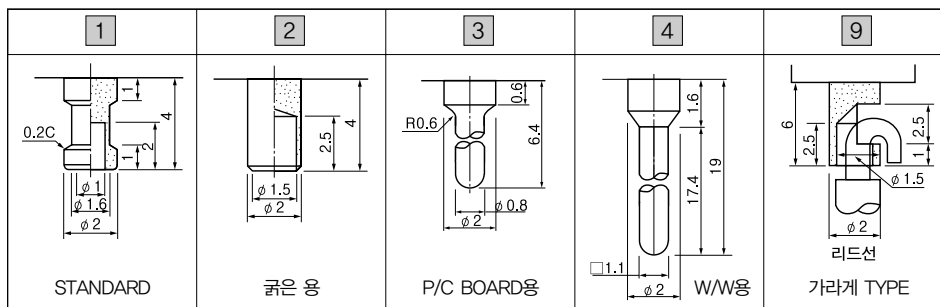
품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FTD4	단극쌍투	ON 2-3	—	ON 2-1
FTE4	"	ON 2-3	OFF	ON 2-1
FTF4	"	ON 2-3	—	<ON> 2-1
FTG4	"	<ON> 2-3	OFF	<ON> 2-1
FTH4	"	ON 2-3	OFF	<ON> 2-1

품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FTN4	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FTP4	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FTR4	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FTS4	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FTT4	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FTPA4	단극3투	ON 2-3 5-6	ON 2-3 4-5	ON 2-1 5-4
FTSA4	"	<ON> 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4
FTTA4	"	ON 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4

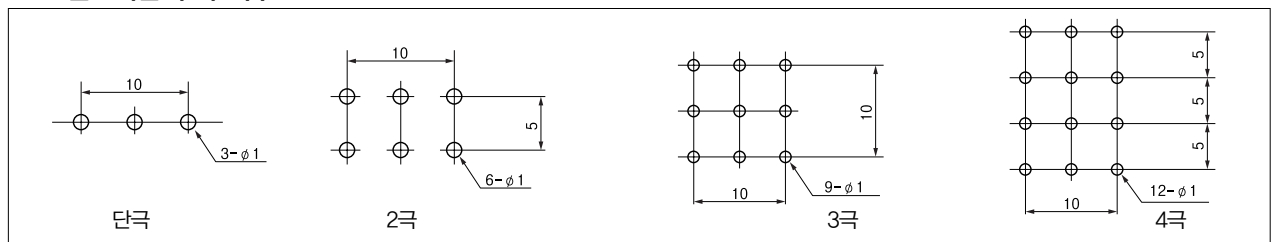
품명	회로	SWITCH 특성 < >는 Momentary		
3극				
F3TD4	3극쌍투	ON 2-3 5-6 8-9	—	ON 2-1 5-4 8-7
F3TE4	"	ON 2-3 5-6 8-9	OFF	ON 2-1 5-4 8-7
F3TF4	"	ON 2-3 5-6 8-9	—	<ON> 2-1 5-4 8-7
F3TG4	"	<ON> 2-3 5-6 8-9	OFF	<ON> 2-1 5-4 8-7
F3TH4	"	ON 2-3 5-6 8-9	OFF	<ON> 2-1 5-4 8-7

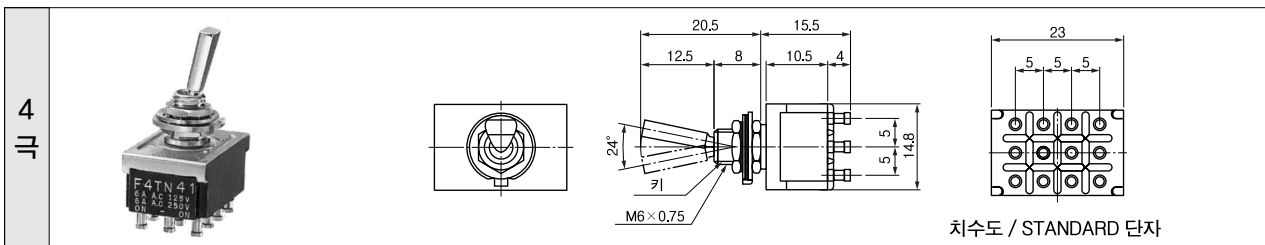
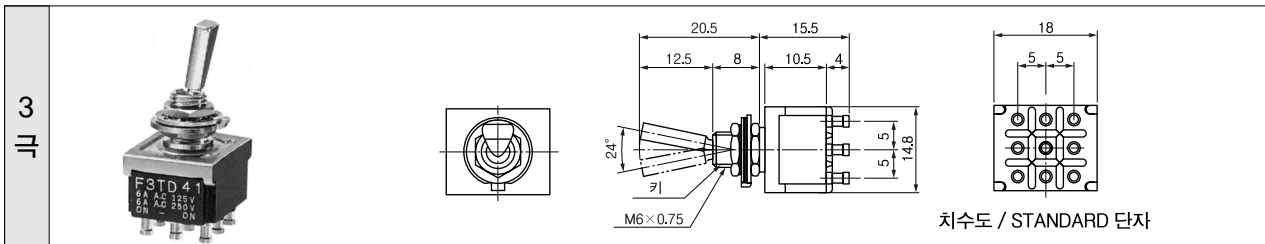
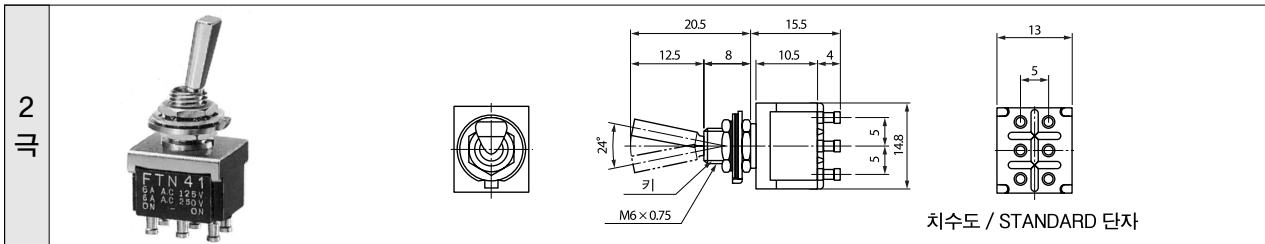
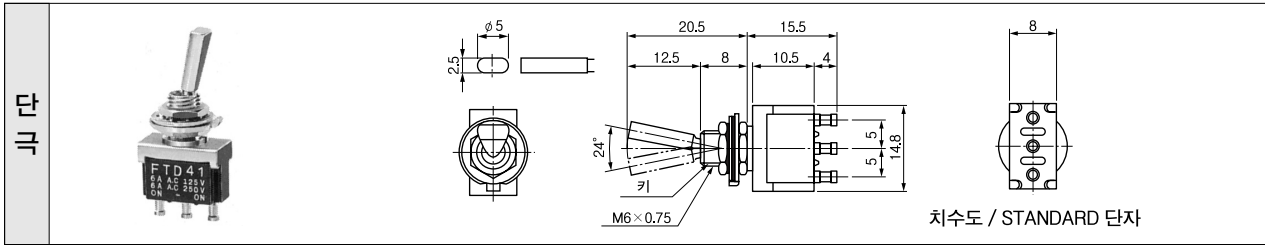
품명	회로	SWITCH 특성 < >는 Momentary		
4극				
F4TN4	4극쌍투	ON 2-3 5-6 8-9 11-12	—	ON 2-1 5-4 8-7 11-10
F4TP4	"	ON 2-3 5-6 8-9 11-12	OFF	ON 2-1 5-4 8-7 11-10
F4TR4	"	ON 2-3 5-6 8-9 11-12	—	<ON> 2-1 5-4 8-7 11-10
F4TS4	"	<ON> 2-3 5-6 8-9 11-12	OFF	<ON> 2-1 5-4 8-7 11-10
F4TT4	"	ON 2-3 5-6 8-9 11-12	OFF	<ON> 2-1 5-4 8-7 11-10
F4TPA4	2극3투	ON 2-3 5-6 8-9 11-12	ON 1-2 5-6 8-9 11-10	ON 2-1 5-4 8-7 11-10
F4TSA4	"	<ON> 2-3 5-6 8-9 11-12	ON 1-2 5-6 8-9 11-10	<ON> 2-1 5-4 8-7 11-10
F4TTA4	"	ON 2-3 5-6 8-9 11-12	ON 1-2 5-6 8-9 11-10	<ON> 2-1 5-4 8-7 11-10

● 단자부형상

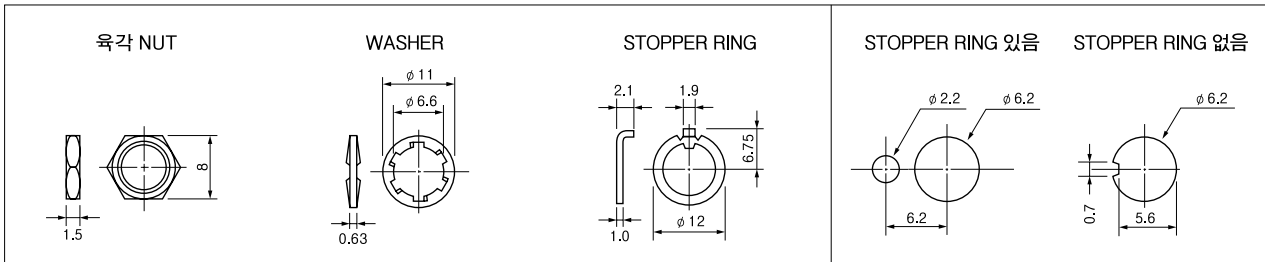


■ 프린트기판 부착 치수





■ 부착 금속구 치수



ROCK LEVER TOGGLE SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 4 W/W용 9 가라게 TYPE

단극 · 2극 · 3극 · 4극

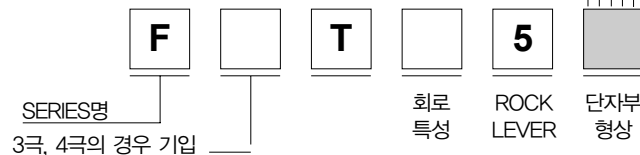
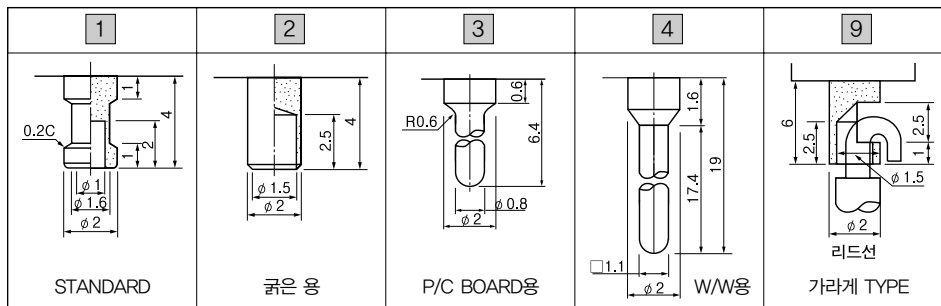
품명	회로	SWITCH 특성 < 〉는 Momentary		
단극				
FTD5	단극쌍투	ON 2-3	—	ON 2-1
FTE5	"	ON 2-3	OFF	ON 2-1
FTF5	"	ON 2-3	—	<ON> 2-1
FTG5	"	<ON> 2-3	OFF	<ON> 2-1
FTH5	"	ON 2-3	OFF	<ON> 2-1

품명	회로	SWITCH 특성 < 〉는 Momentary		
2극				
FTN5	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FTP5	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FTR5	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FTS5	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FTT5	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FTPA5	단극3투	ON 2-3 5-6	ON 2-3 4-5	ON 2-1 5-4
FTSA5	"	<ON> 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4
FTTA5	"	ON 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4

품명	회로	SWITCH 특성 < 〉는 Momentary		
3극				
F3TD5	3극쌍투	ON 2-3 8-9 5-4 8-7	—	ON 2-1 8-7 5-4 8-7
F3TE5	"	ON 2-3 8-9 5-4 8-7	OFF	ON 2-1 8-7 5-4 8-7
F3TF5	"	ON 2-3 8-9 5-4 8-7	—	<ON> 2-1 8-7 5-4 8-7
F3TG5	"	<ON> 2-3 8-9 5-4 8-7	OFF	<ON> 2-1 8-7 5-4 8-7
F3TH5	"	ON 2-3 8-9 5-4 8-7	OFF	<ON> 2-1 8-7 5-4 8-7

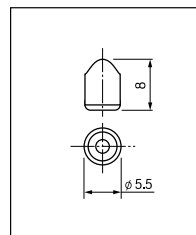
품명	회로	SWITCH 특성 < 〉는 Momentary		
4극				
F4TN5	4극쌍투	ON 2-3 8-9 5-6 11-12 2-1 8-7 5-4 11-10	—	ON 2-1 8-7 5-4 11-10
F4TP5	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F4TR5	"	ON 2-3 8-9 5-6 11-12	—	<ON> 2-1 8-7 5-4 11-10
F4TS5	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4TT5	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4TPA5	2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
F4TSA5	"	<ON> 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10
F4TTA5	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10

● 단자부형상



F T 5 ROCK LEVER TOGGLE SWITCH

■ CAP 형상

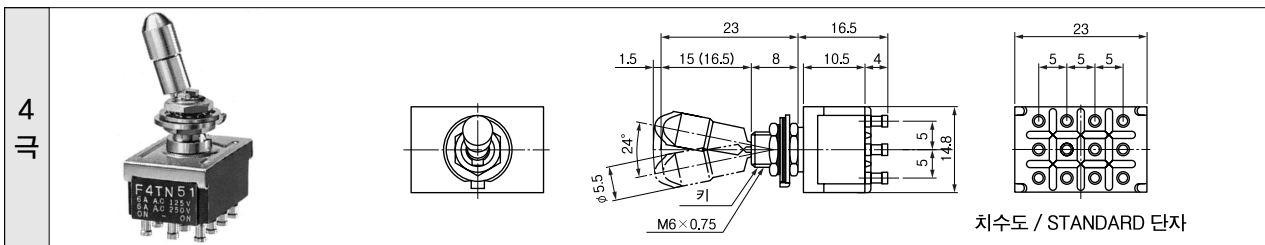
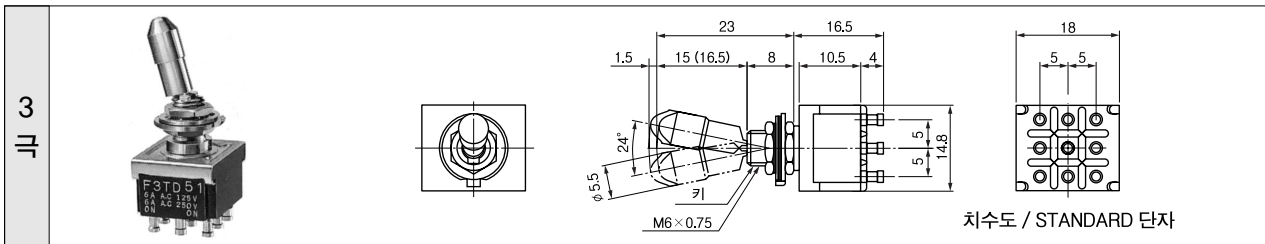
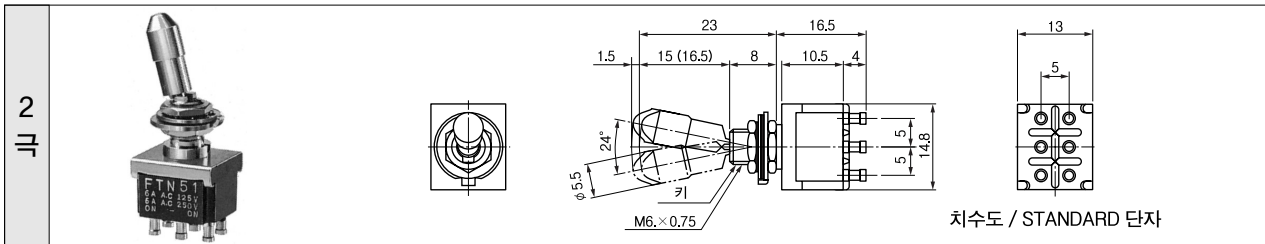
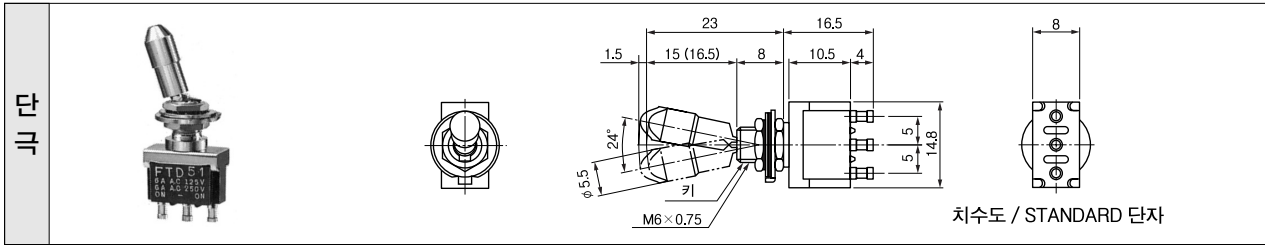


• 표준품은 니켈 · 크롬 입니다.

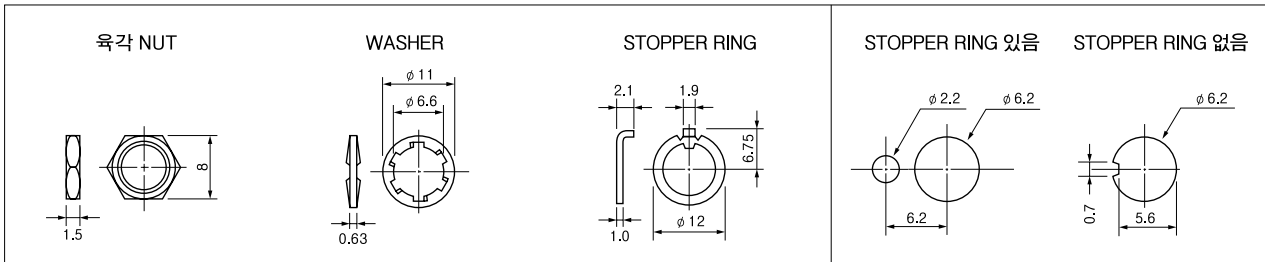
■ 특색

ROCK LEVER TOGGLE SWITCH는 Lever의 하부에 Lock장치가 있습니다. 조작은 Lever Cap을 축방향으로 끌어올려 소정의 위치에 Lever를 놓으면 Lock이 되는 구조입니다. 뜻밖의 오조작을 범하지 않도록 되어 있어 통신기, 계측기, NC 제어기기, 컴퓨터 주변기기에 많이 사용됩니다.

특성	형상
D.N	
E.P	
F.R	
G.S	
H.T	



■ 부착 금속구 치수



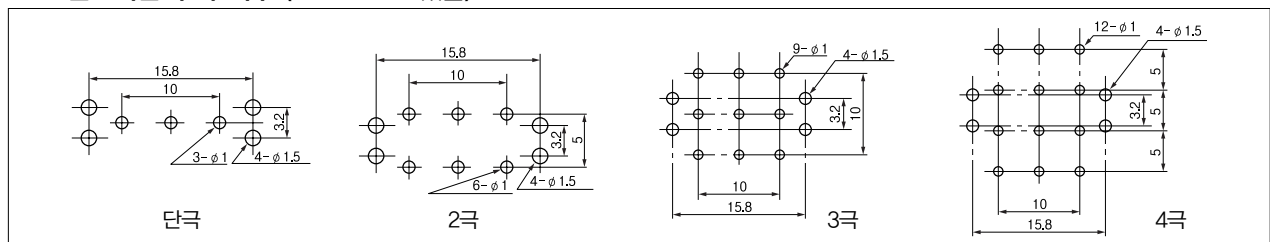
품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FHD03	단극쌍투	ON 2-3	—	ON 2-1
FHE03	"	ON 2-3	OFF	ON 2-1
FHF03	"	ON 2-3	—	<ON> 2-1
FHG03	"	<ON> 2-3	OFF	<ON> 2-1
FHH03	"	ON 2-3	OFF	<ON> 2-1

품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FHN03	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FHP03	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FHR03	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FHS03	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FHT03	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FHPA03	단극3투	ON 2-3 5-6	ON 2-4 5-3	ON 2-1 5-4
FHSA03	"	<ON> 2-3 5-6	ON 2-4 5-3	<ON> 2-1 5-4
FHTA03	"	ON 2-3 5-6	ON 2-4 5-3	<ON> 2-1 5-4

품명	회로	SWITCH 특성 < >는 Momentary		
3극				
F3HD03	3극쌍투	ON 2-3 8-9 5-6	—	ON 2-1 8-7 5-4
F3HE03	"	ON 2-3 8-9 5-6	OFF	ON 2-1 8-7 5-4
F3HF03	"	ON 2-3 8-9 5-6	—	<ON> 2-1 8-7 5-4
F3HG03	"	<ON> 2-3 8-9 5-6	OFF	<ON> 2-1 8-7 5-4
F3HH03	"	ON 2-3 8-9 5-6	OFF	<ON> 2-1 8-7 5-4

품명	회로	SWITCH 특성 < >는 Momentary		
4극				
F4HN03	4극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
F4HP03	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F4HR03	"	ON 2-3 8-9 5-6 11-12	<ON>	ON 2-1 8-7 5-4 11-10
F4HS03	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4HT03	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4HPA03	2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
F4HSA03	"	<ON> 2-3 8-9 5-6 11-12	ON 2-3 8-9 4-5 11-10	<ON> 2-1 8-7 5-4 11-10
F4HTA03	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 4-6 11-10	<ON> 2-1 8-7 5-4 11-10

■ 프린트기판 부착 치수 (SUPPORT 있음)





단극				
2극				
3극				
4극				

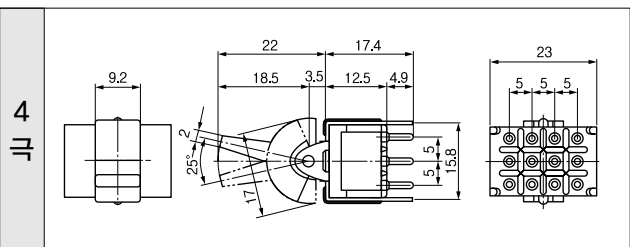
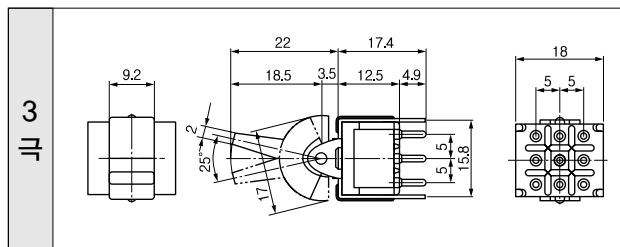
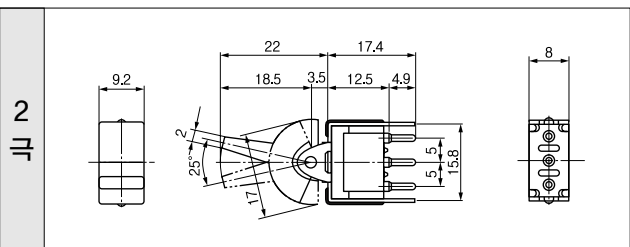
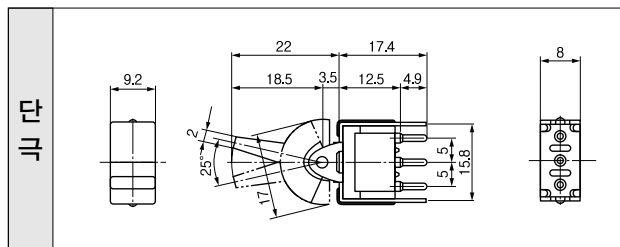


품명	회로	SWITCH 특성 < 〉는 Momentary		
단극				
FED33	단극쌍투	ON 2-3	—	ON 2-1
FEE33	"	ON 2-3	OFF	ON 2-1
FEF33	"	ON 2-3	—	<ON> 2-1
FEG33	"	<ON> 2-3	OFF	<ON> 2-1
FEH33	"	ON 2-3	OFF	<ON> 2-1

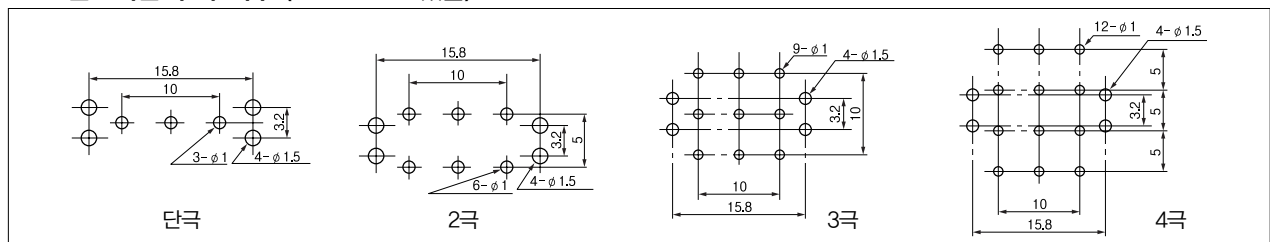
품명	회로	SWITCH 특성 < 〉는 Momentary		
2극				
FEN33	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FEP33	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FER33	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FES33	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FET33	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FEPA33	단극3투	ON 2-3 5-6	ON 2-4 5-3	ON 2-1 5-4
FESA33	"	<ON> 2-3 5-6	ON 2-4 5-3	<ON> 2-1 5-4
FETA33	"	ON 2-3 5-6	ON 2-4 5-3	<ON> 2-1 5-4

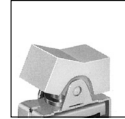
품명	회로	SWITCH 특성 < 〉는 Momentary		
3극				
F3ED33	3극쌍투	ON 2-3 8-9 5-6	—	ON 2-1 8-7 5-4
F3EE33	"	ON 2-3 8-9 5-6	OFF	ON 2-1 8-7 5-4
F3EF33	"	ON 2-3 8-9 5-6	—	<ON> 2-1 8-7 5-4
F3EG33	"	<ON> 2-3 8-9 5-6	OFF	<ON> 2-1 8-7 5-4
F3EH33	"	ON 2-3 8-9 5-6	OFF	<ON> 2-1 8-7 5-4

품명	회로	SWITCH 특성 < 〉는 Momentary		
4극				
F4EN33	4극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
F4EP33	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F4ER33	"	ON 2-3 8-9 5-6 11-12	—	<ON> 2-1 8-7 5-4 11-10
F4ES33	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4ET33	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4EPA33	2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
F4ESA33	"	<ON> 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10
F4ETA33	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10



■ 프린트기판 부착 치수 (SUPPORT 있음)



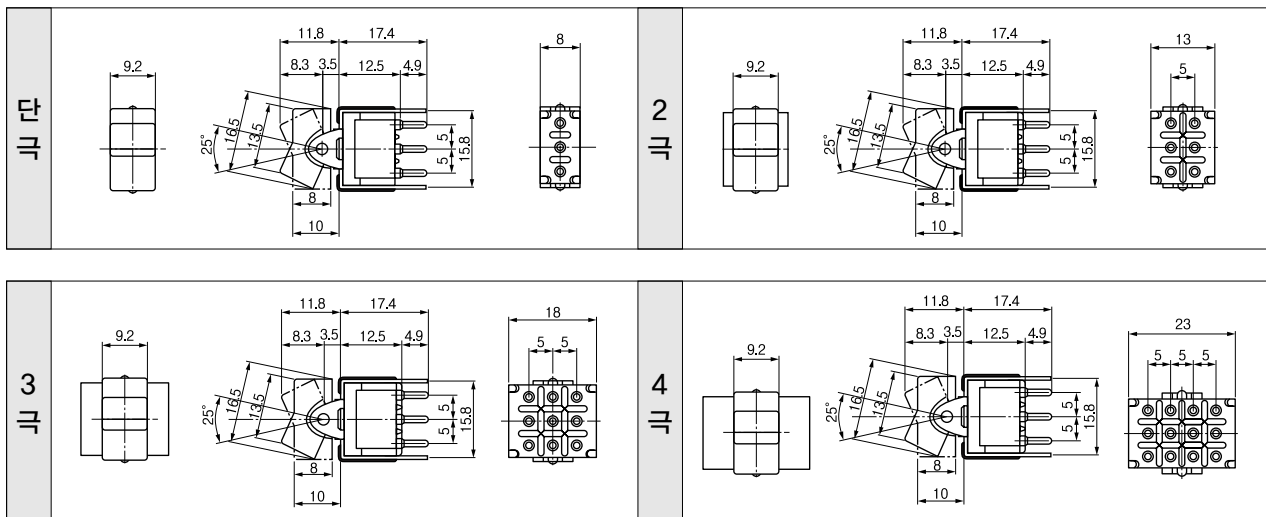


품 명	회 로	SWITCH 특성 < ㉮ Momentary		
단 극				
FED43	단극쌍투	ON 2-3	—	ON 2-1
FEE43	"	ON 2-3	OFF	ON 2-1
FEF43	"	ON 2-3	—	<ON> 2-1
FEG43	"	<ON> 2-3	OFF	<ON> 2-1
FEH43	"	ON 2-3	OFF	<ON> 2-1

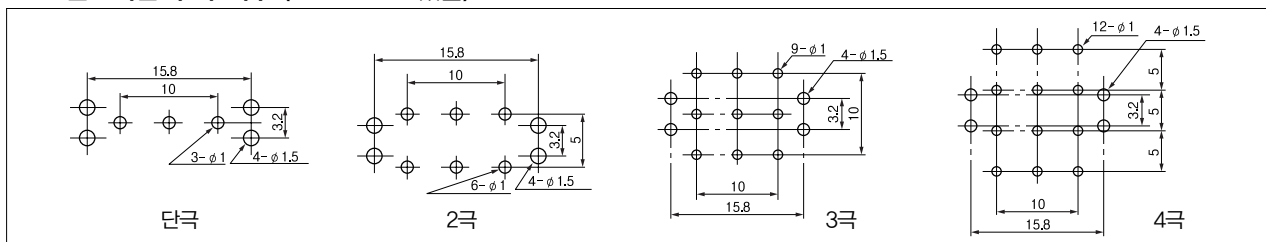
품 명	회 로	SWITCH 특성 < 〉는 Momentary		
2 극				
FEN43	2극쌍투	ON $\frac{2-3}{5-6}$	—	ON $\frac{2-1}{5-4}$
FEP43	"	ON $\frac{2-3}{5-6}$	OFF	ON $\frac{2-1}{5-4}$
FER43	"	ON $\frac{2-3}{5-6}$	—	<ON> $\frac{2-1}{5-4}$
FES43	"	<ON> $\frac{2-3}{5-6}$	OFF	<ON> $\frac{2-1}{5-4}$
FET43	"	ON $\frac{2-3}{5-6}$	OFF	<ON> $\frac{2-1}{5-4}$
FEP43	단극3투	ON $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	ON $\frac{2-1}{5-4}$
FESA43	"	<ON> $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	<ON> $\frac{2-1}{5-4}$
FETA43	"	ON $\frac{2-3}{5-6}$	ON $\frac{2-3}{4-5}$	<ON> $\frac{2-1}{5-4}$

품 명	회 로	SWITCH 특성 < ㉮는 Momentary		
3 극				
F3ED43	3극쌍throw	ON $\frac{2-3}{5-6}$ 8-9	—	ON $\frac{2-1}{5-4}$ 8-7
F3EE43	"	ON $\frac{2-3}{5-6}$ 8-9	OFF	ON $\frac{2-1}{5-4}$ 8-7
F3EF43	"	ON $\frac{2-3}{5-6}$ 8-9	—	<ON> $\frac{2-1}{5-4}$ 8-7
F3EG43	"	<ON> $\frac{2-3}{5-6}$ 8-9	OFF	<ON> $\frac{2-1}{5-4}$ 8-7
F3EH43	"	ON $\frac{2-3}{5-6}$ 8-9	OFF	<ON> $\frac{2-1}{5-4}$ 8-7

품 명	회 로	SWITCH 특성 < ㉞는 Momentary		
				
4 극				
F4EN43	4극쌍투	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	—	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4EP43	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4ER43	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	—	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4ES43	"	<ON> $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4ET43	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4EPA43	2극3투	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{1-2}{5-6} \frac{8-9}{11-10}$	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4ESA43	"	<ON> $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{2-3}{5-6} \frac{8-9}{11-10}$	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4ETA43	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{1-2}{4-5} \frac{8-9}{11-10}$	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$



■ 프린트기판 부착 치수 (SUPPORT 있음)



방수 TOGGLE SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 4 W/W용 9 가라게 TYPE

단극 · 2극 · 3극 · 4극

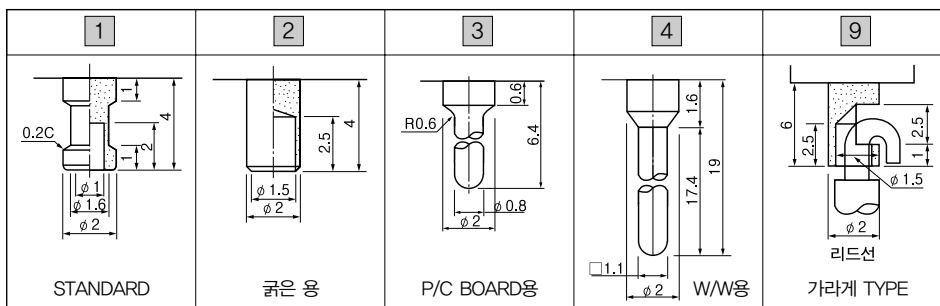
품 명	회 로	SWITCH 특성 <는 Momentary		
단 극				
FWD0 	단극쌍투	ON 2~3	—	ON 2~1
FWE0 	"	ON 2~3	OFF	ON 2~1
FWF0 	"	ON 2~3	—	<ON> 2~1
FWG0 	"	<ON> 2~3	OFF	<ON> 2~1
FWH0 	"	ON 2~3	OFF	<ON> 2~1

품 명	회 로	SWITCH 특성 < 〇 〇 Momentary		
				
2 극				
FWN0 ■	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FWP0 ■	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FWR0 ■	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FWS0 ■	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FWT0 ■	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FWPA0 ■	단극3투	ON 2-3 4-5 6-7	ON 2-3 4-5 6-7	ON 2-1 5-4 6-7
FWSA0 ■	"	<ON> 2-3 4-5 6-7	ON 2-3 4-5 6-7	<ON> 2-1 5-4 6-7
FWTA0 ■	"	ON 2-3 4-5 6-7	ON 2-3 4-5 6-7	<ON> 2-1 5-4 6-7

품 명	회 로	SWITCH 특성 < 3는 Momentary		
3 극				
F3WD0 ■	3극쌍투	ON $\frac{2-3}{5-6}$ 8-9	—	ON $\frac{2-1}{5-4}$ 8-7
F3WE0 ■	"	ON $\frac{2-3}{5-6}$ 8-9	OFF	ON $\frac{2-1}{5-4}$ 8-7
F3WF0 ■	"	ON $\frac{2-3}{5-6}$ 8-9	—	<ON> $\frac{2-1}{5-4}$ 8-7
F3WG0 ■	"	<ON> $\frac{2-3}{5-6}$ 8-9	OFF	<ON> $\frac{2-1}{5-4}$ 8-7
F3WH0 ■	"	ON $\frac{2-3}{5-6}$ 8-9	OFF	<ON> $\frac{2-1}{5-4}$ 8-7

품 명	회 로	SWITCH 특성 < 〃는 Momentary		
				
F4WN0 ■	4극쌍투	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	—	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4WP0 ■	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4WR0 ■	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	—	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4WS0 ■	"	<ON> $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4WT0 ■	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	OFF	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4WPA0 ■	2극3투	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{1-2}{5-6} \frac{8-9}{11-10}$	ON $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4WSA0 ■	"	<ON> $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{2-3}{4-5} \frac{8-9}{11-10}$	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$
F4WTA0 ■	"	ON $\frac{2-3}{5-6} \frac{8-9}{11-12}$	ON $\frac{1-2}{4-6} \frac{8-9}{11-10}$	<ON> $\frac{2-1}{5-4} \frac{8-7}{11-10}$

● 단자부형상



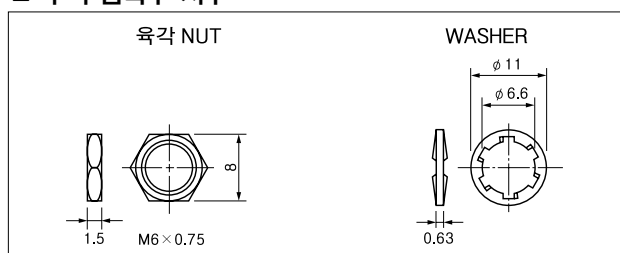
■ 방수 특색 · 사용방법

• 특색 :

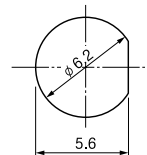
판넬면에서 방수가 가능하고 판넬위에서는 물기를 완전히 방지합니다. 고습도, 물이 사용되는 장소에 최적입니다. 계측기, NC 제어기기, 컴퓨터 주변기기에 많이 사용됩니다.

● 내부방수타입 외에 방수 Cap도 있습니다.

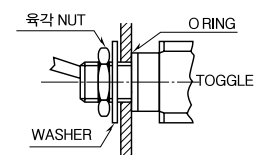
■ 부착 금속구 치수

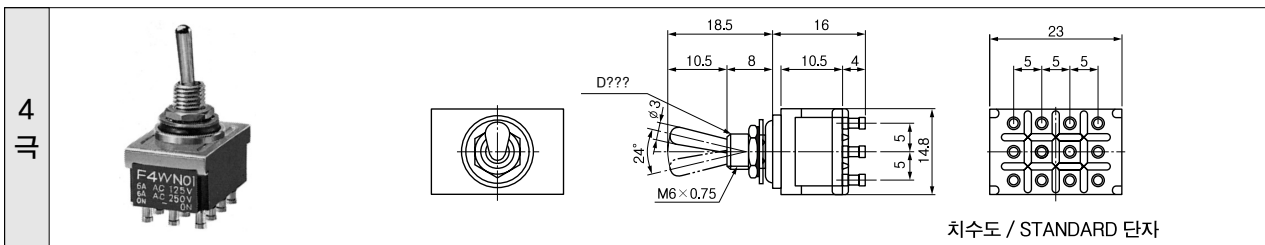
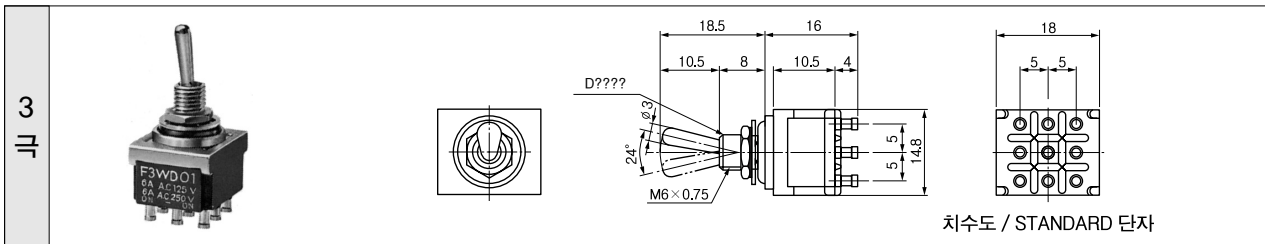
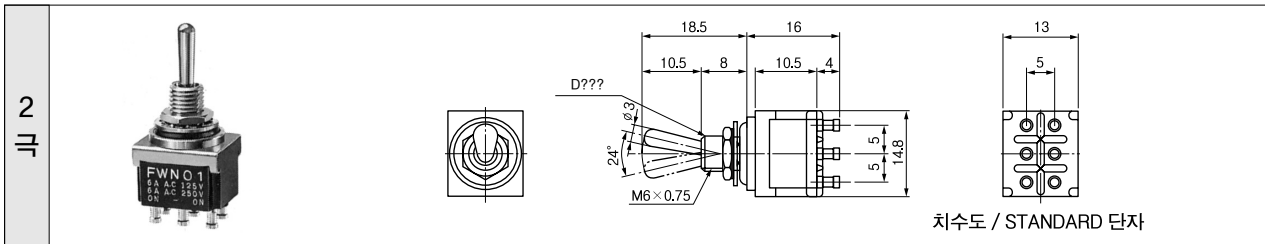
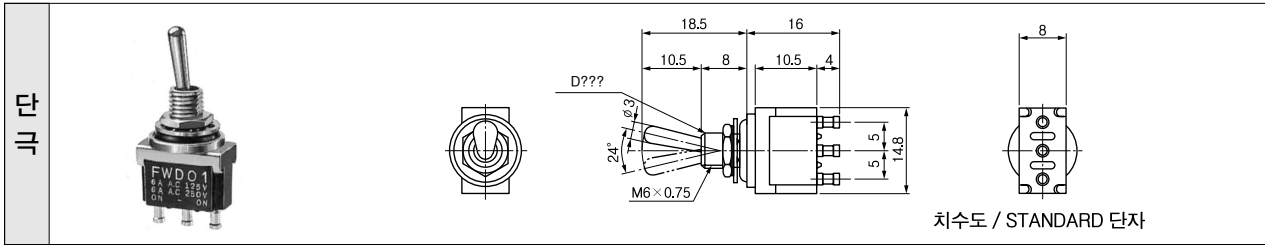


■ 부착Hole치수

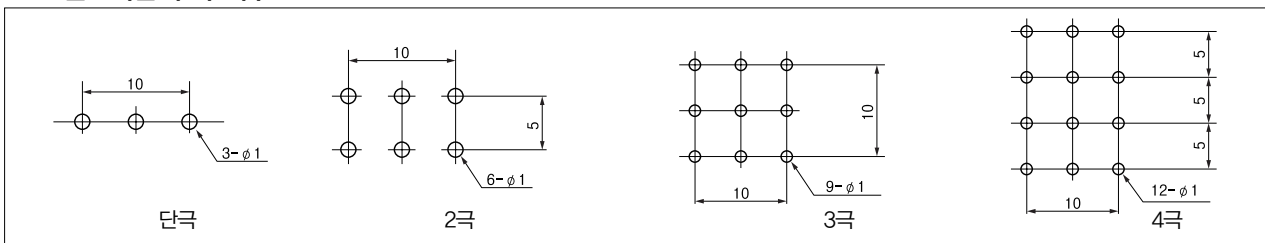


■ 부차방법





■ 프린트기판 부착 치수



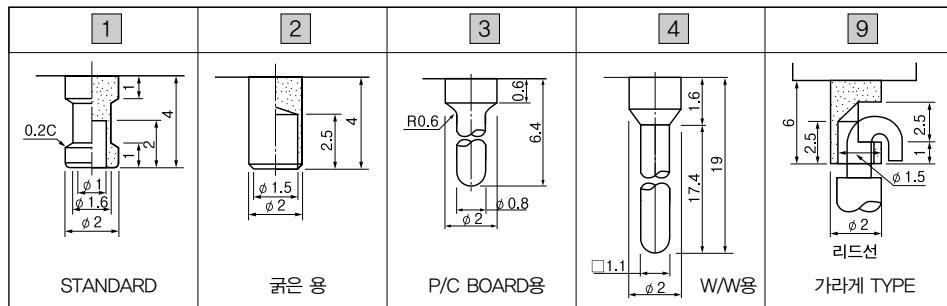
표준 PUSH SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 4 W/W용 9 가라게 TYPE

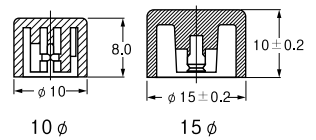
단극 · 2극 · 3극 · 4극

품 명					회 로	SWITCH 특성 < >은 Momentary	
표준단자	굵은 단자	P/C BOARD용	W/W용 단자	가라게 TYPE			
FPD01	FPD02	FPD03	FPD04	FPD09	단극쌍투	BUTTON을 누를 때마다 변환	
						ON 2-1	ON 2-3
FPP01	FPP02	FPP03	FPP04	FPP09	"	BUTTON을 눌렀을 때 <ON> 2-1	BUTTON 정지위치 ON 2-3
FPN01	FPN02	FPN03	FPN04	FPN09	2극쌍투	BUTTON을 누를 때마다 변환	
						ON 2-1 5-4	ON 2-3 5-6
FPR01	FPR02	FPR03	FPR04	FPR09	"	BUTTON을 눌렀을 때 <ON> 2-1 5-4	BUTTON 정지위치 ON 2-3 5-6
F3PD01	F3PD02	F3PD03	F3PD04	F3PD09	3극쌍투	BUTTON을 누를 때마다 변환	
						<ON> 2-1 8-7 5-4	ON 2-3 8-9 5-6
F3PP01	F3PP02	F3PP03	F3PP04	F3PP09	"	BUTTON을 눌렀을 때 <ON> 2-1 8-7 5-4	BUTTON 정지위치 ON 2-3 8-9 5-6
F4PN01	F4PN02	F4PN03	F4PN04	F4PN09	4극쌍투	BUTTON을 누를 때마다 변환	
						<ON> 2-1 8-7 5-4 11-10	ON 2-3 8-9 5-6 11-12
F4PR01	F4PR02	F4PR03	F4PR04	F4PR09	"	BUTTON을 눌렀을 때 <ON> 2-1 8-7 5-4 11-10	BUTTON 정지위치 ON 2-3 8-9 5-6 11-12

● 단자부형상



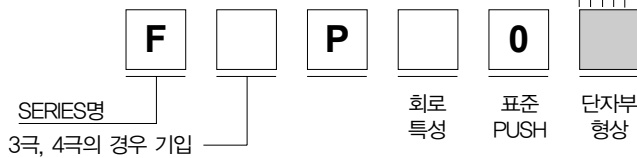
■ PUSH SWITCH 용 컬러 BUTTON



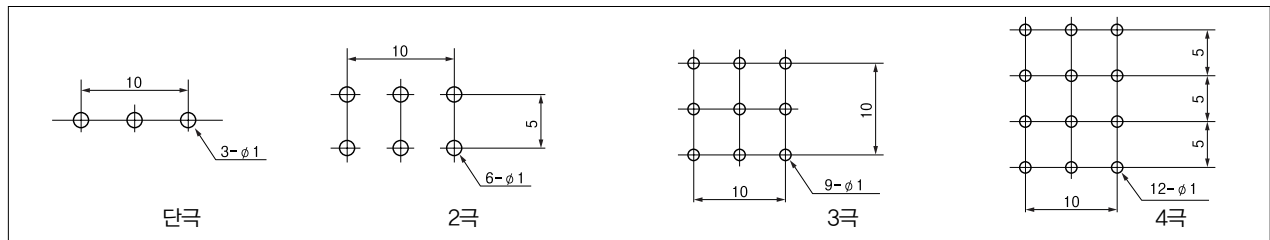
■ FP TYPE

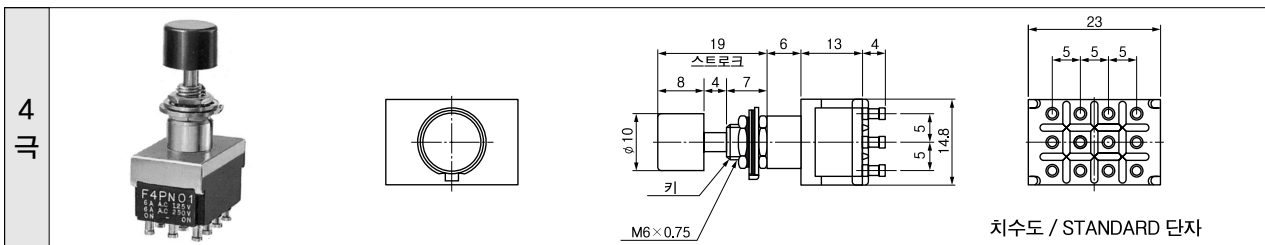
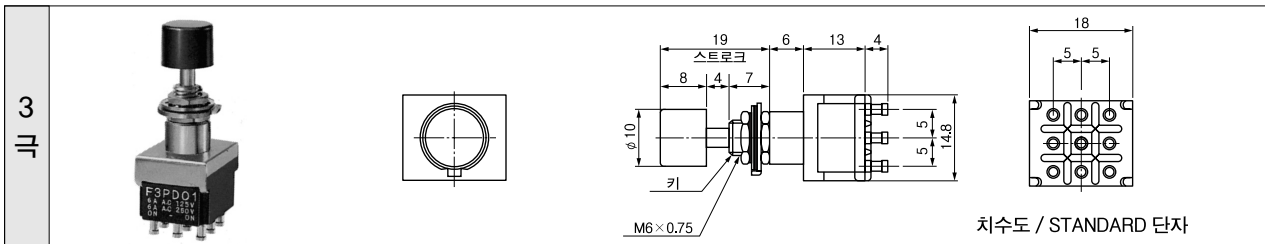
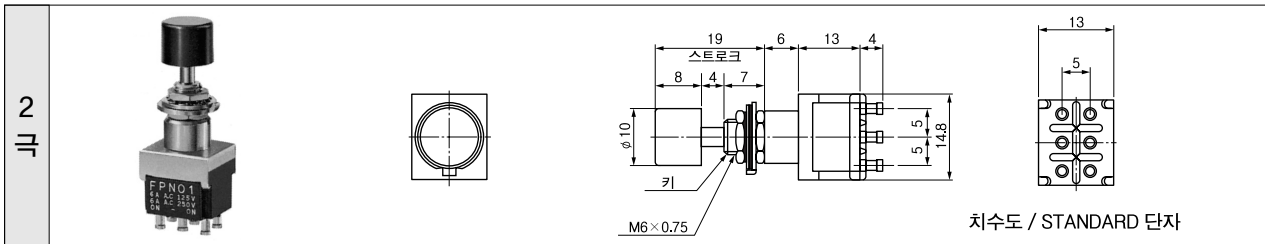
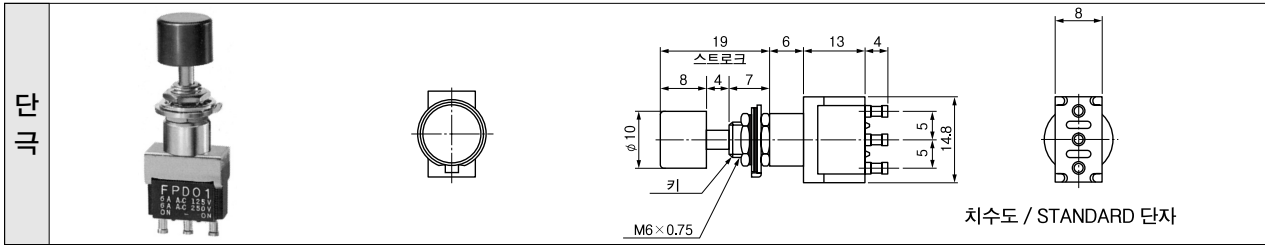
BUTTON색 ● 표준품은 10흑색입니다.

백	황
적	녹
청	흑

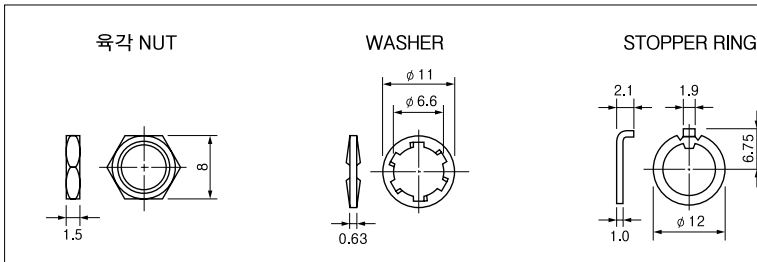


■ 프린트기판 부착 치수

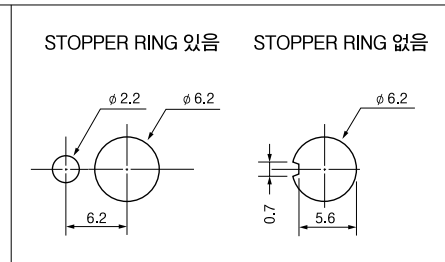




■ 부착 금속구 치수



■ 부착 Hole 치수



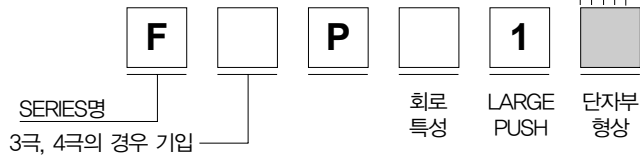
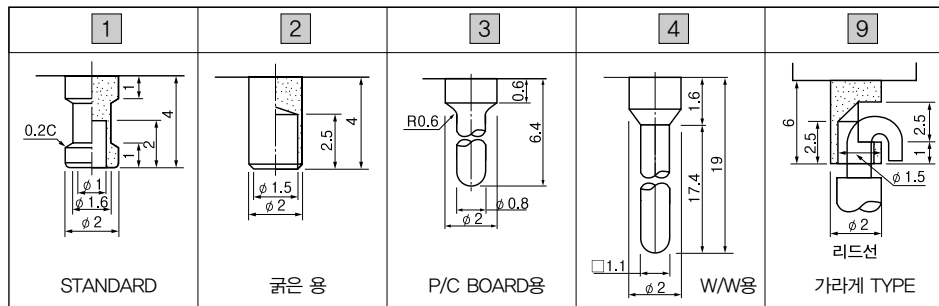
LARGE PUSH SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 4 W/W용 9 가라게 TYPE

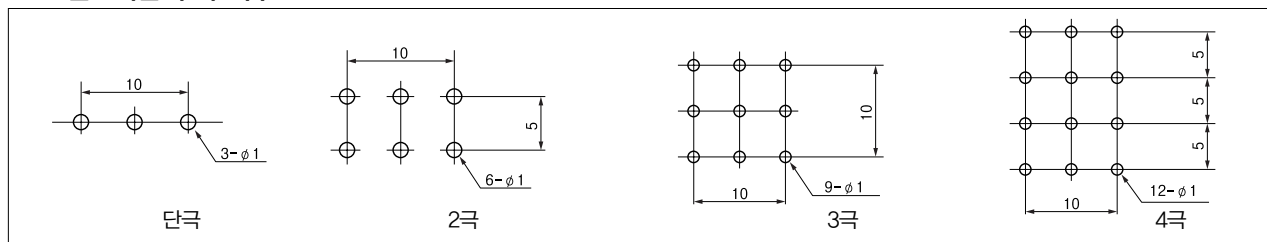
단극 · 2극 · 3극 · 4극

품 명					회 로	SWITCH 특성 < >은 Momentary	
표준단자	굵은 단자	P/C BOARD용	W/W용 단자	가라게 TYPE			
FPD11	FPD2	FPD3	FPD4	FPD9	단극쌍투	BUTTON을 누를 때마다 변환	
						ON 2-1	ON 2-3
FPF11	FPF2	FPF3	FPF4	FPF9	"	BUTTON을 눌렀을 때 <ON> 2-1	BUTTON 정지위치 ON 2-3
FPN11	FPN2	FPN3	FPN4	FPN9	2극쌍투	BUTTON을 누를 때마다 변환	
						ON 2-1 5-4	ON 2-3 5-6
FPR11	FPR2	FPR3	FPR4	FPR9	"	BUTTON을 눌렀을 때 <ON> 2-1 5-4	BUTTON 정지위치 ON 2-3 5-6
F3PD11	F3PD2	F3PD3	F3PD4	F3PD9	3극쌍투	BUTTON을 누를 때마다 변환	
						<ON> 2-1 8-7 5-4	ON 2-3 8-9 5-6
F3PF11	F3PF2	F3PF3	F3PF4	F3PF9	"	BUTTON을 눌렀을 때 <ON> 2-1 8-7 5-4	BUTTON 정지위치 ON 2-3 8-9 5-6
F4PN11	F4PN2	F4PN3	F4PN4	F4PN9	4극쌍투	BUTTON을 누를 때마다 변환	
						<ON> 2-1 8-7 5-4 11-10	ON 2-3 8-9 5-6 11-12
F4PR11	F4PR2	F4PR3	F4PR4	F4PR9	"	BUTTON을 눌렀을 때 <ON> 2-1 8-7 5-4 11-10	BUTTON 정지위치 ON 2-3 8-9 5-6 11-12

● 단자부형상

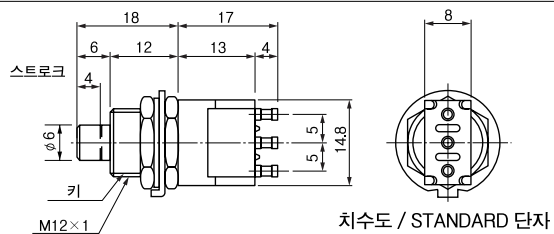
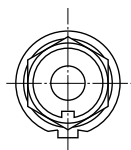


■ 프린트기판 부착 치수



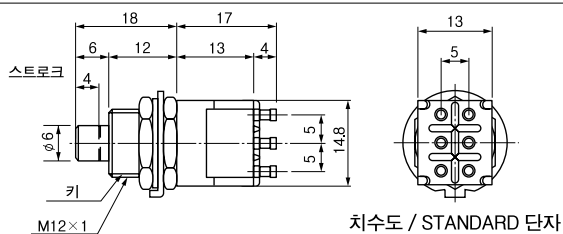
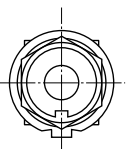


단극



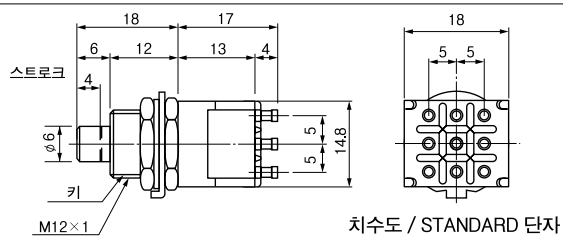
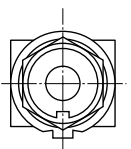
치수도 / STANDARD 단자

27

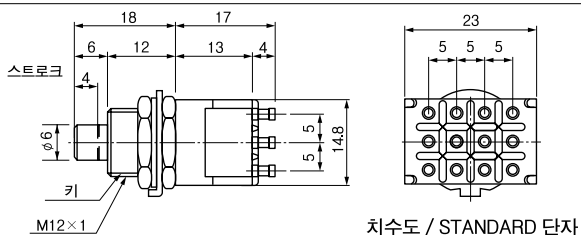
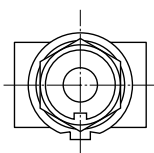


치수도 / STANDARD 단자

37



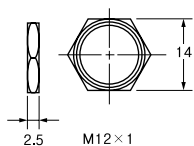
치수도 / STANDARD 단자

4
3

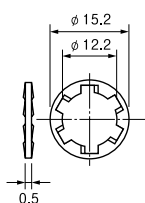
치수도 / STANDARD 단자

■ 부착 금속구 치수

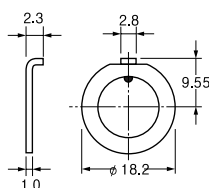
육각 NUT



WASHER

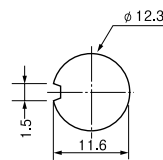
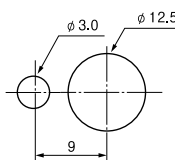


STOPPER RING



■부착 Hole 치수

STOPPER RING 있음 STOPPER RING 없음



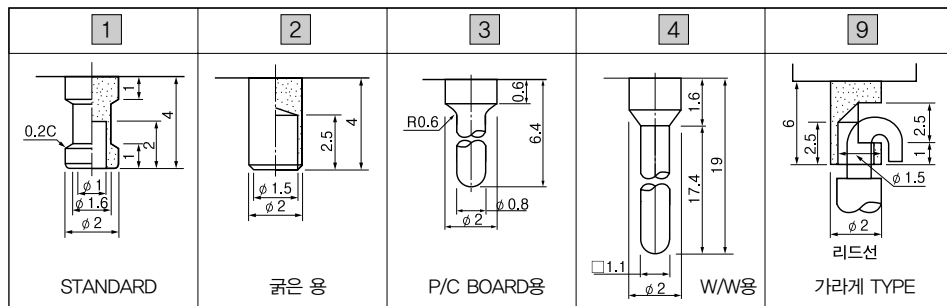
방수 PUSH SWITCH

납땜단자 **1** STANDARD **2** 굵은 용 **3** P/C BOARD용 **4** W/W용 **9** 가라게 TYPE

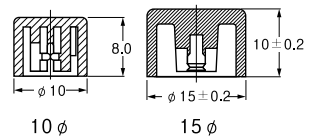
단극 · 2극 · 3극 · 4극

품 명					회 로	SWITCH 특성 < >은 Momentary	
표준단자	굵은 단자	P/C BOARD용	W/W용 단자	가라게 TYPE			
FMD01	FMD02	FMD03	FMD04	FMD09	단극쌍투	BUTTON을 누를 때마다 변환	
						ON 2-1	ON 2-3
FMF01	FMF02	FMF03	FMF04	FMF09	"	BUTTON을 눌렀을 때 <ON> 2-1	BUTTON 정지위치 ON 2-3
FMN01	FMN02	FMN03	FMN04	FMN09	2극쌍투	BUTTON을 누를 때마다 변환	
						ON 2-1 5-4	ON 2-3 5-6
FMR01	FMR02	FMR03	FMR04	FMR09	"	BUTTON을 눌렀을 때 <ON> 2-1 5-4	BUTTON 정지위치 ON 2-3 5-6
F3MD01	F3MD02	F3MD03	F3MD04	F3MD09	3극쌍투	BUTTON을 누를 때마다 변환	
						<ON> 2-1 8-7 5-4	ON 2-3 8-9 5-6
F3MF01	F3MF02	F3MF03	F3MF04	F3MF09	"	BUTTON을 눌렀을 때 <ON> 2-1 8-7 5-4	BUTTON 정지위치 ON 2-3 8-9 5-6
F4MN01	F4MN02	F4MN03	F4MN04	F4MN09	4극쌍투	BUTTON을 누를 때마다 변환	
						<ON> 2-1 8-7 5-4 11-10	ON 2-3 8-9 5-6 11-12
F4MR01	F4MR02	F4MR03	F4MR04	F4MR09	"	BUTTON을 눌렀을 때 <ON> 2-1 8-7 5-4 11-10	BUTTON 정지위치 ON 2-3 8-9 5-6 11-12

● 단자부형상



■ PUSH SWITCH 용 컬러 BUTTON



■ FP TYPE

BUTTON색 ● 표준품은 10회색입니다.

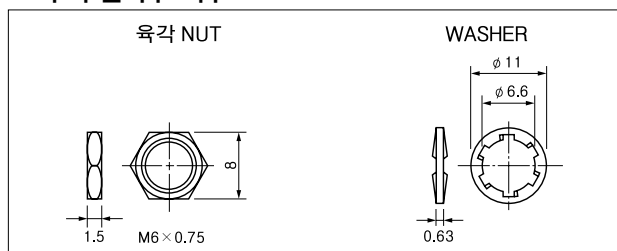
백	황
적	노
청	흑

■ 방수 특색 · 사용방법

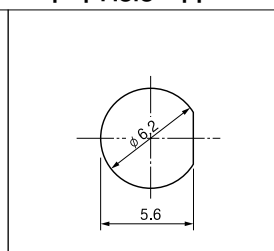
• 특색 :

패널면에서 방수가 가능하고 패널위에서는 물기를 완전히 방지합니다. 고습도, 물이 사용되는 장소에 최적입니다. 계측기, NC 제어기기, 컴퓨터 주변기기에 많이 사용됩니다.

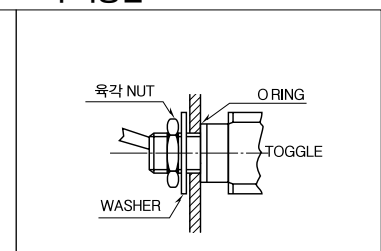
■ 부착 금속구 치수

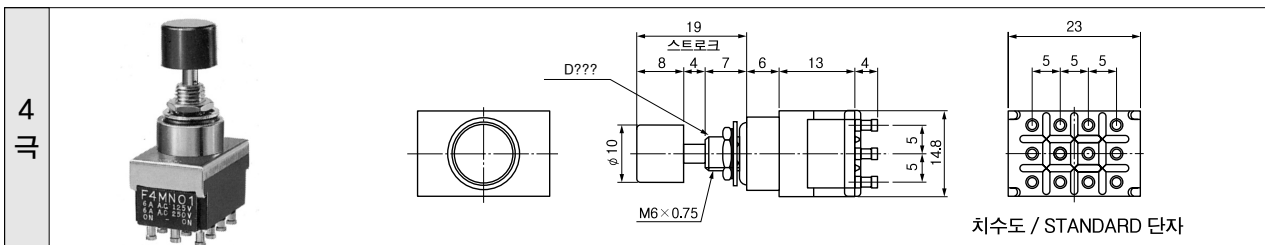
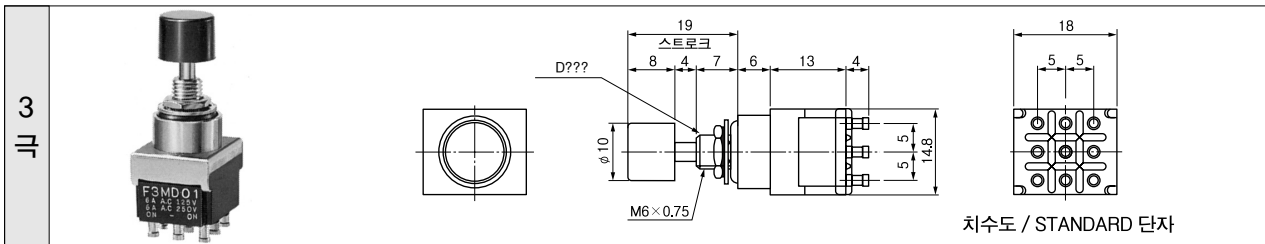
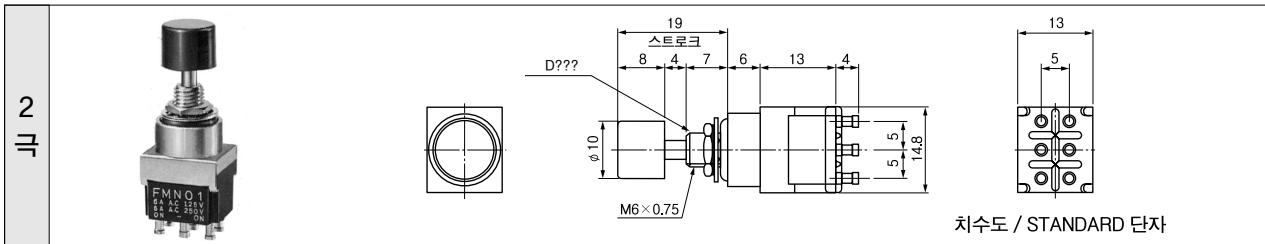
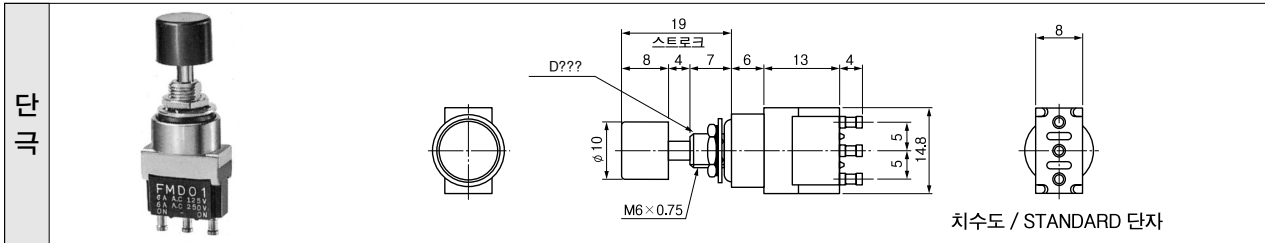


■ 부착 Hole 치수

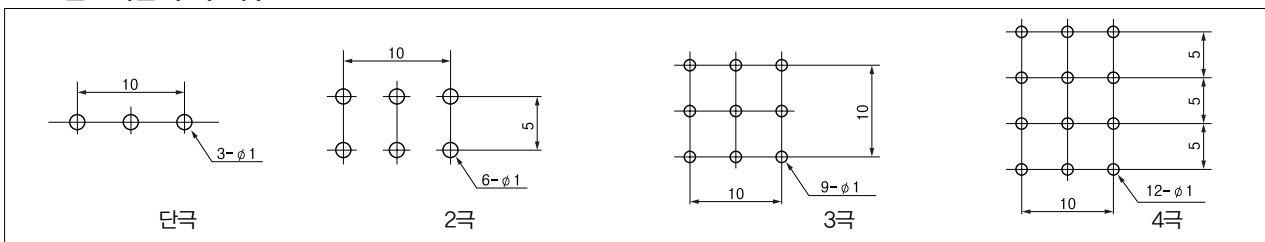


■ 부착방법





■ 프린트기판 부착 치수



LEVER SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 9 가라게 TYPE

단극 · 2극 · 3극 · 4극

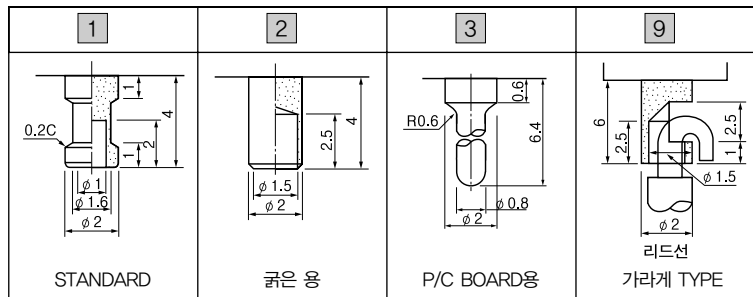
품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FED1	단극쌍투	ON 2-3	—	ON 2-1
FEE1	"	ON 2-3	OFF	ON 2-1
FEF1	"	ON 2-3	—	<ON> 2-1
FEG1	"	<ON> 2-3	OFF	<ON> 2-1
FEH1	"	ON 2-3	OFF	<ON> 2-1

품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FEN1	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FEP1	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FER1	"	ON 2-3 5-6	—	<ON> 2-1 5-4
FES1	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FET1	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FEPA1	단극3투	ON 2-3 5-6	ON 2-3 4-5	ON 2-1 5-4
FESA1	"	<ON> 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4
FETA1	"	ON 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4

품명	회로	SWITCH 특성 < >는 Momentary		
3극				
F3ED1	3극쌍투	ON 2-3 8-9 5-6	—	ON 2-1 8-7 5-4
F3EE1	"	ON 2-3 8-9 5-6	OFF	ON 2-1 8-7 5-4
F3EF1	"	ON 2-3 8-9 5-6	—	<ON> 2-1 8-7 5-4
F3EG1	"	<ON> 2-3 8-9 5-6	OFF	<ON> 2-1 8-7 5-4
F3EH1	"	ON 2-3 8-9 5-6	OFF	<ON> 2-1 8-7 5-4

품명	회로	SWITCH 특성 < >는 Momentary		
4극				
F4EN1	4극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
F4EP1	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F4ER1	"	ON 2-3 8-9 5-6 11-12	<ON>	<ON> 2-1 8-7 5-4 11-10
F4ES1	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4ET1	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4EPA1	2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
F4ESA1	"	<ON> 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10
F4ETA1	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10

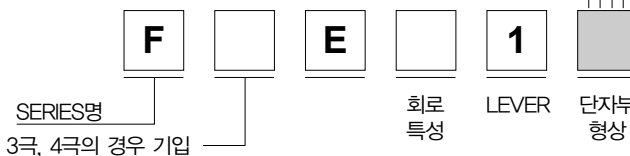
● 단자부형상



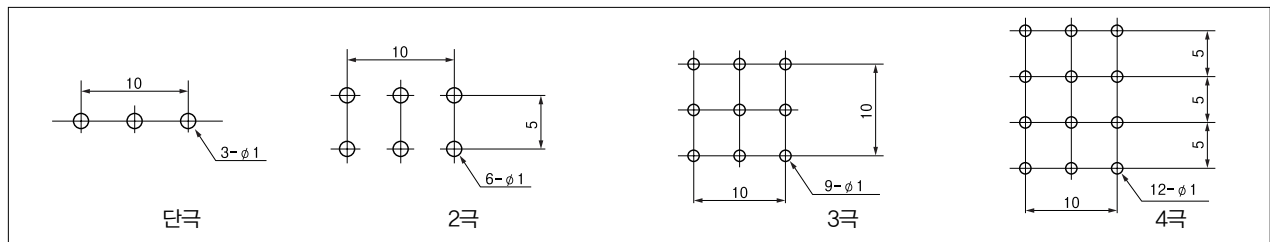
BUTTON색 ● 표준품은 무광택
흑색입니다.

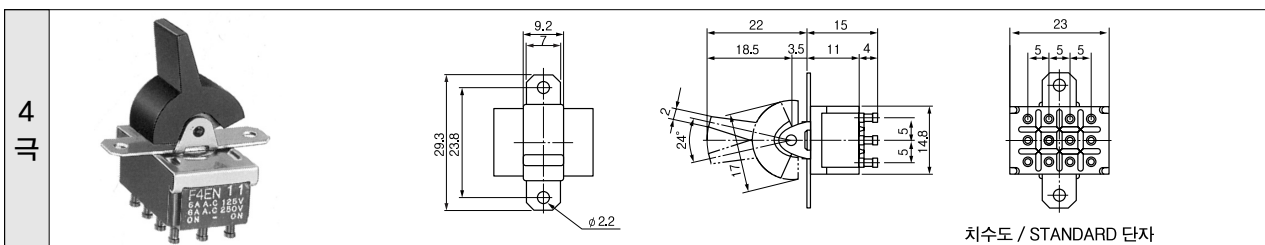
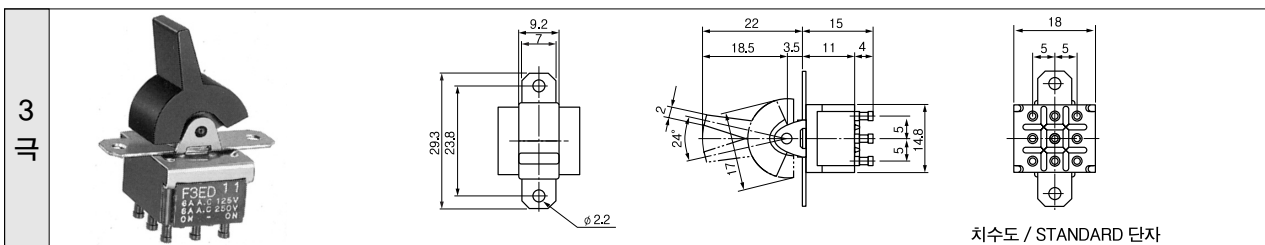
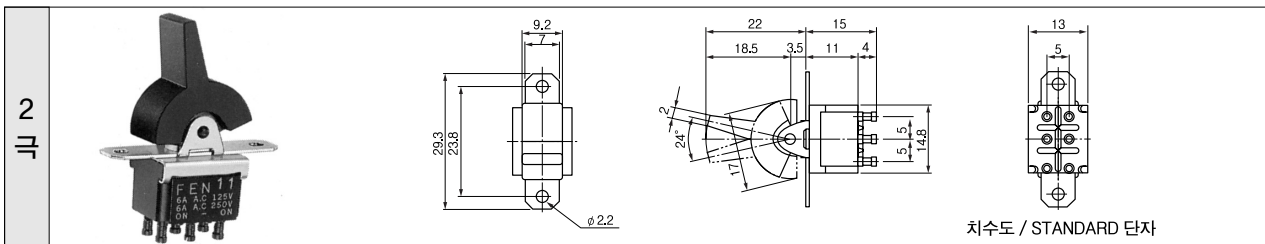
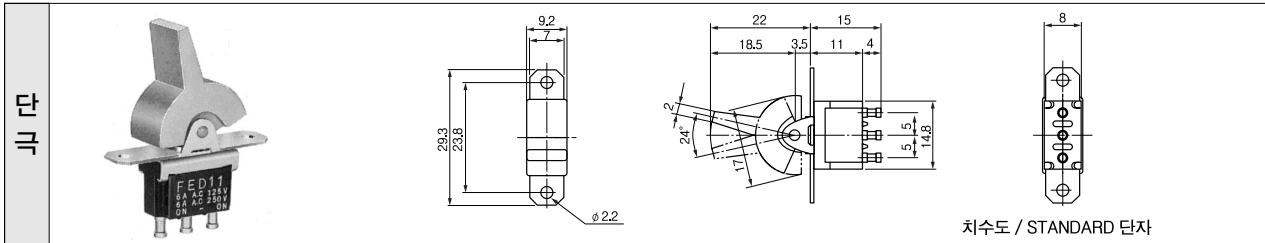
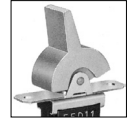
백	황
적	녹
청	흑

※광택도 선택가능합니다.

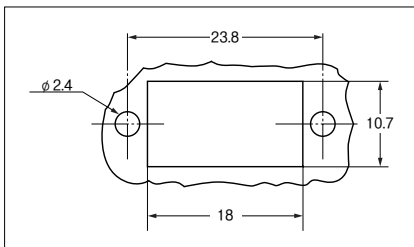


■ 프린트기판 부착 치수





■부착 Hole 치수



ROCKER SWITCH

납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 9 가라게 TYPE

단극 · 2극 · 3극 · 4극

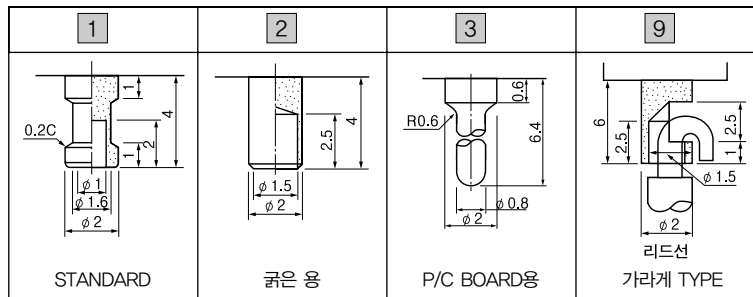
품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FED2	단극쌍투	ON 2-3	—	ON 2-1
FEE2	"	ON 2-3	OFF	ON 2-1
FEF2	"	ON 2-3	—	<ON> 2-1
FEG2	"	<ON> 2-3	OFF	<ON> 2-1
FEH2	"	ON 2-3	OFF	<ON> 2-1

품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FEN2	2극쌍투	ON 2-3 5-6	—	ON 2-1 5-4
FEP2	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FER2	"	ON- 2-3 5-6	<ON>	2-1 5-4
FES2	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FET2	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FEPA2	단극3투	ON 2-3 5-6	ON 2-3 4-5	ON 2-1 5-4
FESA2	"	<ON> 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4
FETA2	"	ON 2-3 5-6	ON 2-3 4-5	<ON> 2-1 5-4

품명	회로	SWITCH 특성 < >는 Momentary		
3극				
F3ED2	3극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
F3EE2	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F3EF2	"	ON 2-3 8-9 5-6 11-12	—	<ON> 2-1 8-7 5-4 11-10
F3EG2	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F3EH2	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10

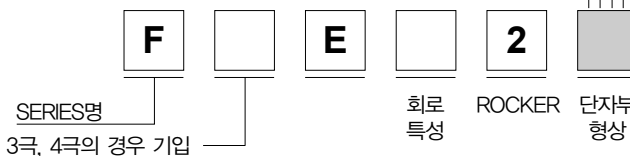
품명	회로	SWITCH 특성 < >는 Momentary		
4극				
F4EN2	4극쌍투	ON 2-3 8-9 5-6 11-12	—	ON 2-1 8-7 5-4 11-10
F4EP2	"	ON 2-3 8-9 5-6 11-12	OFF	ON 2-1 8-7 5-4 11-10
F4ER2	"	ON 2-3 8-9 5-6 11-12	—	<ON> 2-1 8-7 5-4 11-10
F4ES2	"	<ON> 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4ET2	"	ON 2-3 8-9 5-6 11-12	OFF	<ON> 2-1 8-7 5-4 11-10
F4EPA2	2극3투	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	ON 2-1 8-7 5-4 11-10
F4ESA2	"	<ON> 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10
F4ETA2	"	ON 2-3 8-9 5-6 11-12	ON 1-2 8-9 5-6 11-10	<ON> 2-1 8-7 5-4 11-10

● 단자부형상

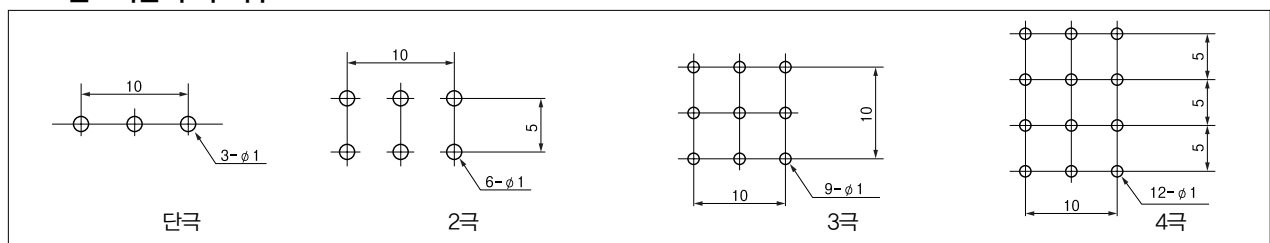


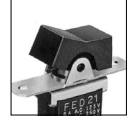
BUTTON색 ● 표준품은 무광택
흑색입니다.

백	황
적	녹
청	흑



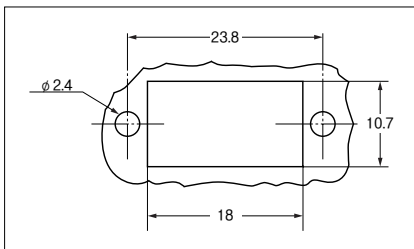
■ 프린트기판 부착 치수





단극					치수도 / STANDARD 단자
2극					치수도 / STANDARD 단자
3극					치수도 / STANDARD 단자
4극					치수도 / STANDARD 단자

■부착 Hole 치수



SNAP IN LEVER SWITCH

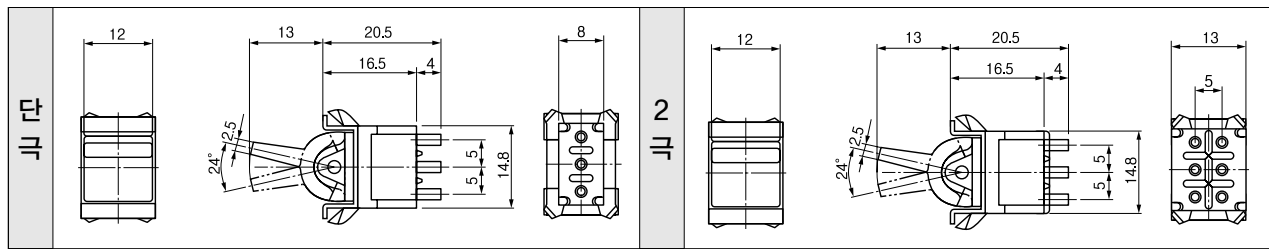
납땜단자 1 STANDARD 2 굵은 용 3 P/C BOARD용 9 가라게 TYPE
UL CSA

단극 · 2극

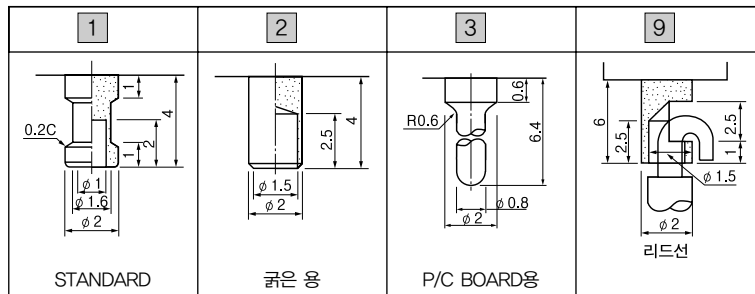


품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FLD1	단극쌍투	ON 2-3	—	ON 2-1
FLE1	"	ON 2-3	OFF	ON 2-1
FLF1	"	ON 2-3	—	<ON> 2-1
FLG1	"	<ON> 2-3	OFF	<ON> 2-1
FLH1	"	ON 2-3	OFF	<ON> 2-1

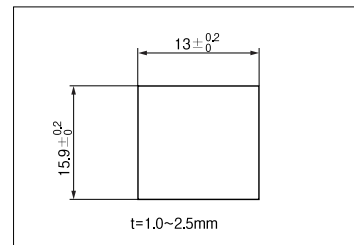
품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FLN1	2극쌍투	ON 2-3	—	ON 2-1
FLP1	"	ON 2-3	OFF	ON 2-1
FLR1	"	ON 2-3	—	<ON> 2-1
FLS1	"	<ON> 2-3	OFF	<ON> 2-1
FLT1	"	ON 2-3	OFF	<ON> 2-1
FLPA1	단극3투	ON 2-3	ON 4-5	ON 2-1
FLSA1	"	<ON> 2-3	ON 4-5	<ON> 2-1
FLTA1	"	ON 2-3	ON 4-5	<ON> 2-1



● 단자부형상



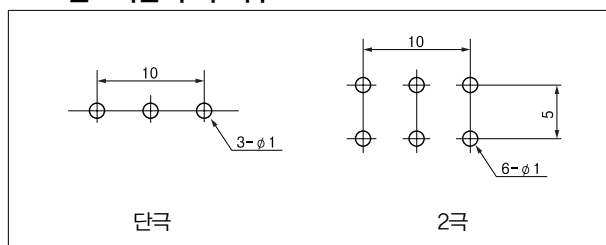
■ 부착 Hole 치수



BUTTON색 ● 표준품은 흑색광택입니다.

백	황
적	녹
청	흑

■ 프린트기판 부착 치수



SNAP IN ROCK SWITCH

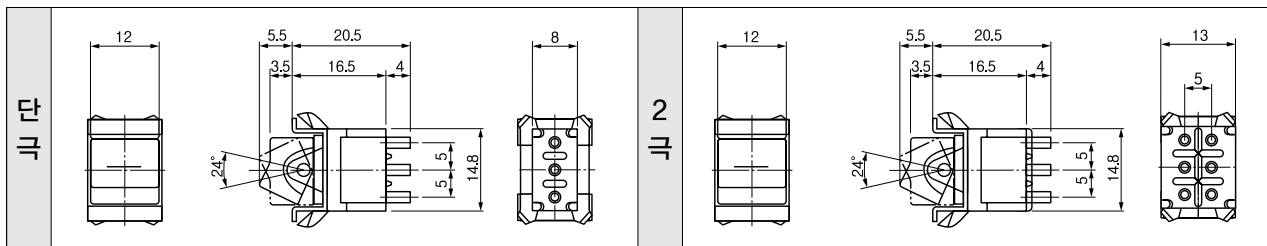
납땜단자 1 STANDARD 2 굽은 용 3 P/C BOARD용 9 가라게 TYPE
UL CSA

단극 · 2극

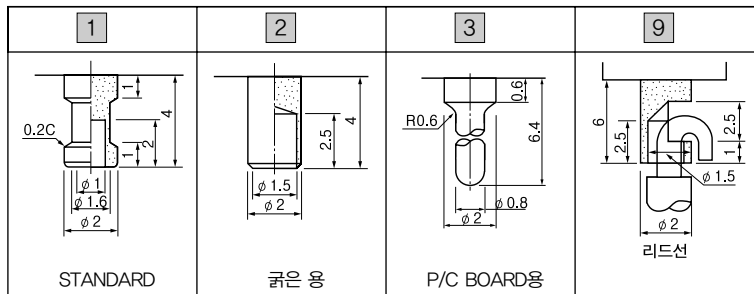


품명	회로	SWITCH 특성 < >는 Momentary		
단극				
FLD2	단극쌍투	ON 2-3	-	ON 2-1
FLE2	"	ON 2-3	OFF	ON 2-1
FLF2	"	ON 2-3	-	<ON> 2-1
FLG2	"	<ON> 2-3	OFF	<ON> 2-1
FLH2	"	ON 2-3	OFF	<ON> 2-1

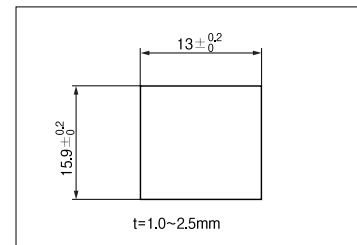
품명	회로	SWITCH 특성 < >는 Momentary		
2극				
FLN2	2극쌍투	ON 2-3 5-6	-	ON 2-1 5-4
FLP2	"	ON 2-3 5-6	OFF	ON 2-1 5-4
FLR2	"	ON 2-3 5-6	<ON>	2-1 5-4
FLS2	"	<ON> 2-3 5-6	OFF	<ON> 2-1 5-4
FLT2	"	ON 2-3 5-6	OFF	<ON> 2-1 5-4
FLPA2	단극3투	ON 2-3 5-6	ON 4-5	ON 2-1 5-4
FLSA2	"	<ON> 2-3 5-6	ON 4-5	<ON> 2-1 5-4
FLTA2	"	ON 2-3 5-6	ON 4-5	<ON> 2-1 5-4



● 단자부형상



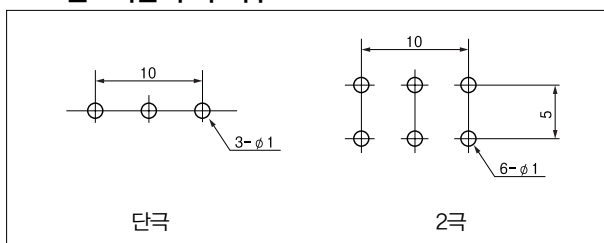
■ 부착 Hole 치수



BUTTON색 ● 표준품은 무광택
흑색입니다.

백	황
적	녹
청	흑

■ 프린트기판 부착 치수



■ 공통사양

정격	<table border="1"> <tr> <td>AC 125V, 250V</td><td>6A (저항부하)</td></tr> <tr> <td>DC 30V</td><td>3A (저항부하)</td></tr> <tr> <td colspan="2">미소전류로 사용할 경우 AC · DC20V max. 0.4VA</td></tr> </table>	AC 125V, 250V	6A (저항부하)	DC 30V	3A (저항부하)	미소전류로 사용할 경우 AC · DC20V max. 0.4VA	
AC 125V, 250V	6A (저항부하)						
DC 30V	3A (저항부하)						
미소전류로 사용할 경우 AC · DC20V max. 0.4VA							
접촉저항	초기접촉저항은 DC2V 1A로 연속 3회 개폐를 행하고, 각 접촉시에 전압강하법으로 측정하여, 10mΩ 이하로 한다.						
절연내압	상압 중에 절연된 단자간 및 단자 Earth간에 AC1,000V를 1분간 (또는 AC 1,200V 1초간) 인가하여도 이상이 없을 것						
절연저항	절연된 단자간 또는 단자 Earth간을 DC500V 절연저항계로 측정하여 1,000MΩ 이상으로 한다.						
내습시험	온도 +40°C±2°C, 상대습도 90~95%중에 96±4시간 방치 후, 물방울을 닦고, 상습중에 30분간 방치한 후, 절연저항을 측정하여 10MΩ 이상일 것						
염수분무시험	염수농도 5%±1%, 온도 +35°C±2°C의 조건에서 48시간 후, 염퇴적물을 씻어내고 약 57°C의 열풍으로 6시간 건조하여 일반 전기적 특성 및 유해한 녹 등이 없을 것						
전기적 수명시험	정격전압, 전류를 통하여 1분간 10~30회의 분할로 10,000회~30,000회의 개폐동작이 가능할 것						
기계적 수명시험	무부하 상태에서 30,000회~100,000회의 개폐동작이 가능하고 전기적 · 기계적 이상이 없을 것						
내열성	주위온도 +70°C±2°C의 항온조에 16시간 방치하고, 일반 전기적 특성 및 절연물의 변형, 깨짐, 뒤틀림 등의 이상이 없을 것						
내한성	주위온도 -25°C±3°C의 항온조에 2시간 방치하고, 일반 전기적 특성 및 절연물의 변형, 깨짐, 뒤틀림 등의 이상이 없을 것						
내진성	전진폭 1.5mm 진동수 10~55Hz의 진동에 대해서 각 방향 2시간씩 합계 6시간, 오개폐, 파손 등의 이상이 없을 것						
내충격성	스위치를 패널에 부착하여 50G의 충격을 가할 경우에도 오동작이 없고 전기적 · 기계적인 개폐동작에 이상이 없을 것						
단자강도	납땜단자 24.5N{2.5kgf}						
부착부강도	(TOGGLE SWITCH) 0.78N · m{8kgf · cm} (M6)						
사용온도범위	-20°C~+70°C(-20°C이하에서 사용할 경우에는 문의 바랍니다)						