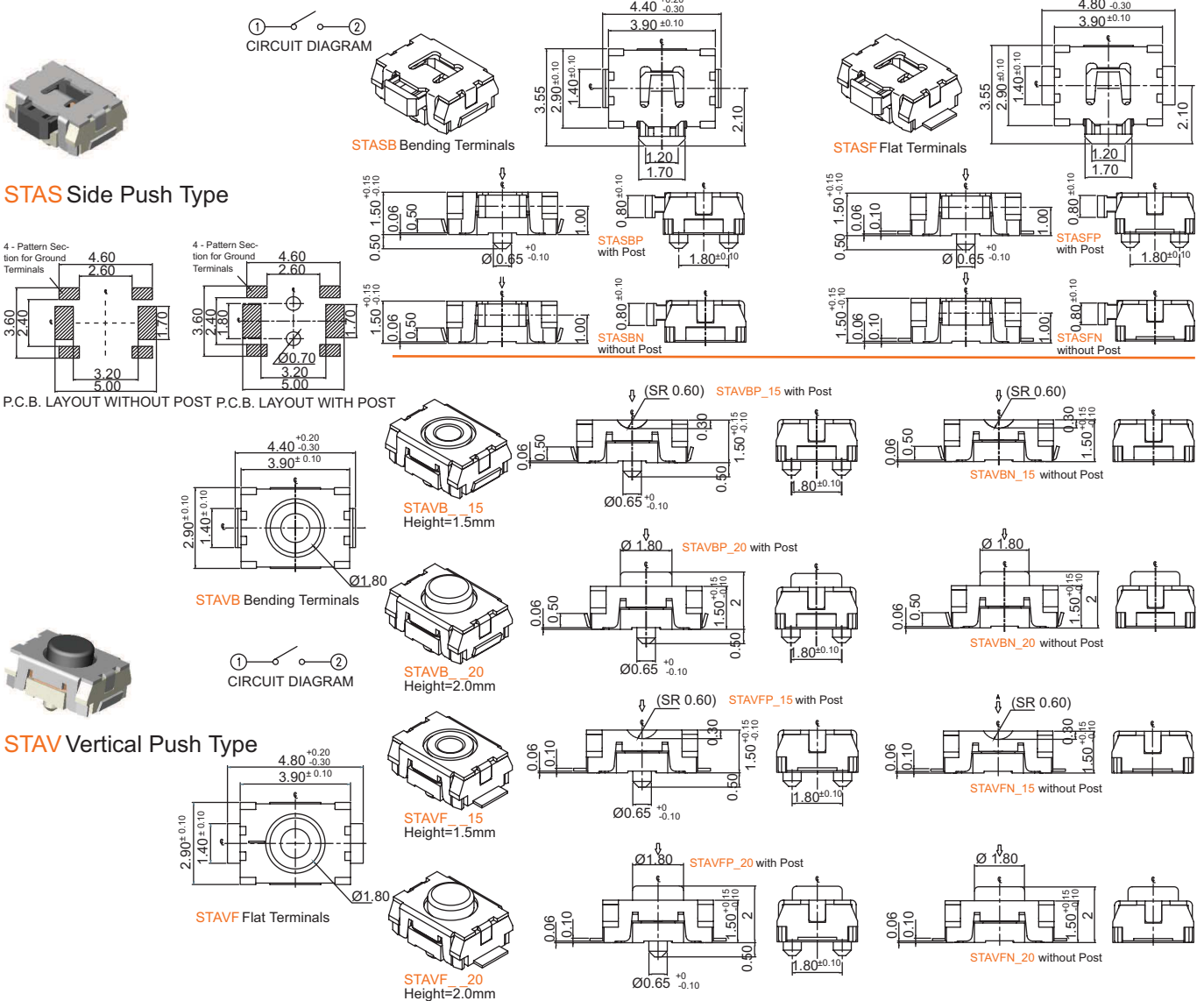


Tactile Switches

4x3mm Miniature SMT Tactile Switches

STA Series



How to order:

STA

- | | |
|---------------------------|-----------------------------------|
| 1 PUSH TYPE: | 4 GROUND TERMINAL: |
| S Side Push Type | N Without Ground Terminal |
| V Vertical Push Type | G With Ground Terminal |
| 2 TERMINAL TYPE: | 5 STEM HEIGHT (Only STAV): |
| B Bending Terminal | 15 Stem Height = 1.5 mm |
| F Flat Terminal | 20 Stem Height = 2.0 mm |
| | *25 Stem Height = 2.5 mm |
| 3 POST: | 6 PACKAGE: |
| N Without Post (Standard) | TR Tape & Reel |
| P With Post | |

General Specifications:

- FEATURES**
- » Sharp click feel with a positive tactile feedback
- MATERIALS**
- » Contact Disc: Stainless steel with silver cladding
 - » Terminal: Brass with silver plated
- MECHANICAL**
- » Stroke: 0.2 (+0.10/-0.05) mm for side push type
0.13 (+0.10/-0.05) mm for vertical push type
 - » Operating Force: 220±65 gf for side push type
160±50 gf for vertical push type
 - » Operation Temperature: -25°C to +70°C
 - » Storage Temperature: -30°C to +80°C
- ELECTRICAL**
- » Electrical Life: 100,000 cycles for side push type
200,000 cycles for vertical push type
 - » Rating: 50mA, 12VDC
 - » Contact Arrangement: 1 pole 1 throw
- LEADFREE SOLDERING PROCESSES**
- » Reflow Soldering: When applying reflow soldering, the peak temperature or the reflow oven should be set to 260°C max. 10 seconds max. (for SMT).

All specifications are restricted to QA test criteria. DRW: B.R. JIN, CHK: P.G. GAO, APP: F. H. KANG, DC: 2013-09-19, UPD: 2025-04-07.

General Tolerance: ± 0.2 mm