

FEATURES:

- Sharp click feel with a positive tactile feedback.
- Ultraminiature and light weight structure suitable for high density mounting. Economic but high reliability.
- Insert molding in the contact with special treatment prevents flux build-up during soldering and permits auto-dipping.

MATERIAL:

- Cover: Nickel Silver
- Base: LCP High Temp Thermoplastic.
Color: Black
- Stem: LCP High Temp Thermoplastic
Color: Black(160g)
White(100g, 260g)
- Contact Disc: Stainless Steel with silver cladding.
- Terminal: Brass with silver plated.
- Tape: Teflon

SPECIFICATION

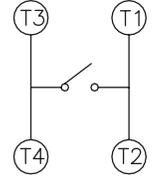
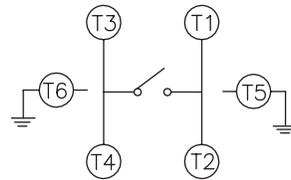
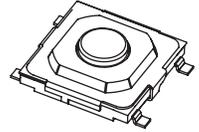
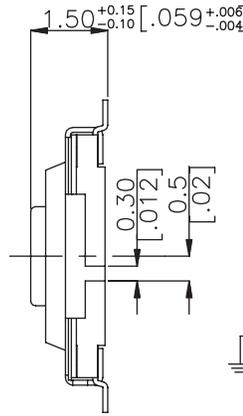
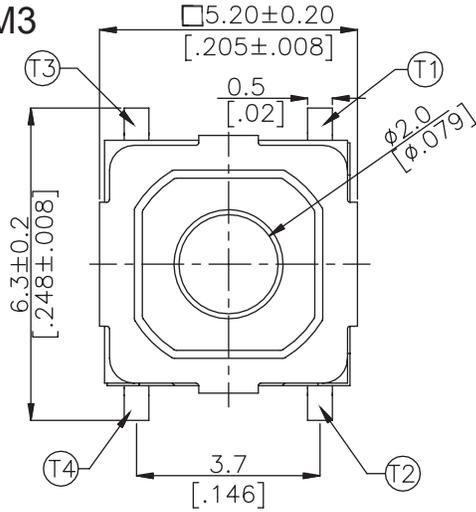
MECHANICAL

- Operation Force:
 - 100 ± 50gf
 - 160 ± 50gf
 - 260 ± 50gf
- Stop Strength: Max 3Kgf vertical static load continuously for 15 seconds.
- Stroke: 0.25 +0.1mm/-0.2mm
- Operation Temperature Range: -40°C to +85°C
- Storage Temperature Range: -30°C to +80°C
- Vibration Test: MIL-STFD-202F METHOD 201A.
 - Frequency: 10-55-10Hz/1 minute
 - Directions: X, Y, Z, three mutually perpendicular directions.
 - Time: 2 hours each direction.
 - High reliability.
- Shock Test: MIL-STD-202F METHOD 213B CONDITION A.
 - Gravity: 50G (peak value), 11 msec
 - Direction and times: 6 sides and 3 times in each direction.
 - High reliability.

ELECTRICAL

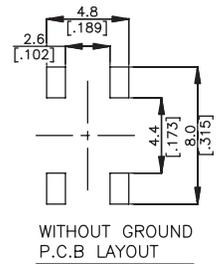
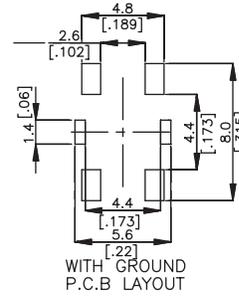
- Electrical Life:
 - 1 000 000 cycles min. for Operating Force 100g, 160g
 - 200 000 cycles min for Operating Force 260g
- Rating: 50mA, 12VDC.
- Contact Resistance: 100mΩ max.
- Insulation Resistance: 100Ωmin. at 500VDC.
- Dielectric Strength: 250VAC/1 minute.
- Contact Arrangement 1 pole 1 throw

STT5G-□M3



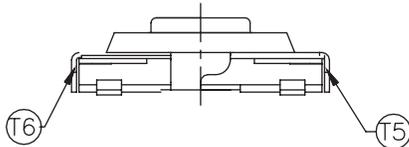
WITH GROUND CIRCUIT DIAGRAM

WITHOUT GROUND CIRCUIT DIAGRAM

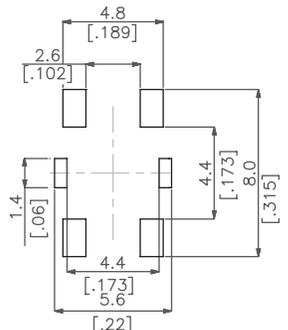
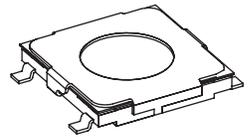
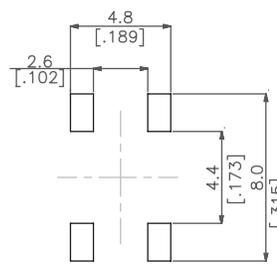
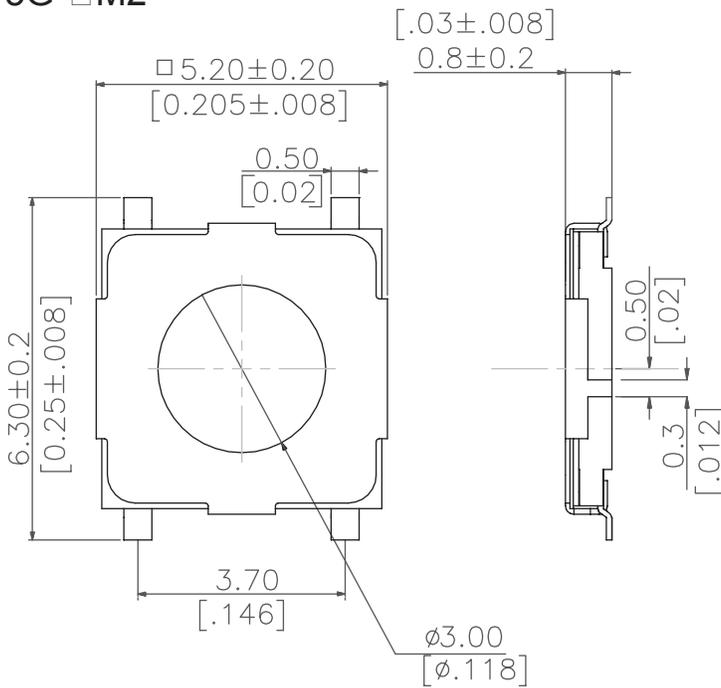


WITH GROUND P.C.B LAYOUT

WITHOUT GROUND P.C.B LAYOUT

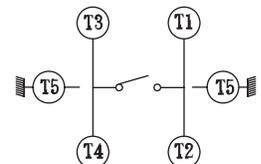
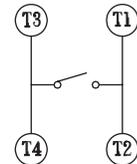


STT5G-□M2



WITHOUT GROUND P.C.B LAYOUT

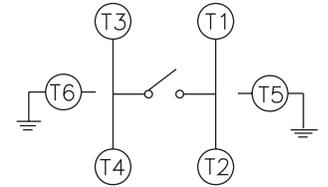
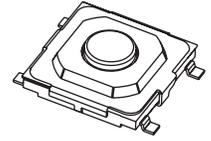
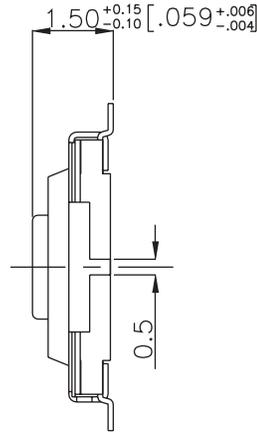
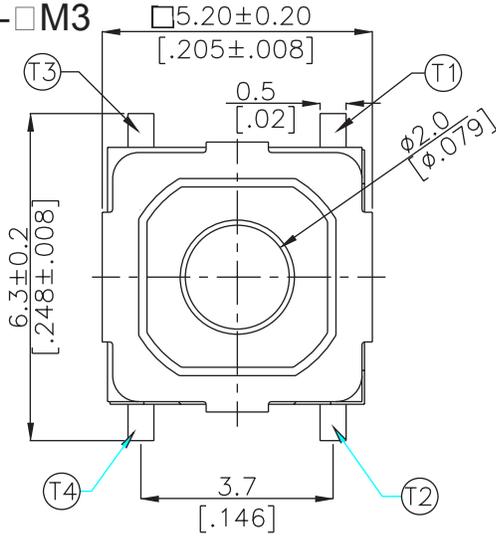
WITH GROUND P.C.B LAYOUT



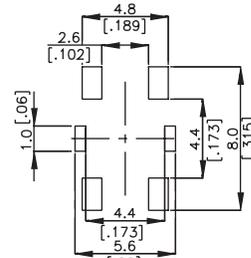
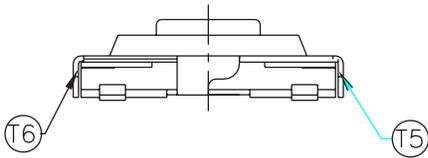
WITHOUT GROUND CIRCUIT DIAGRAM

WITH GROUND CIRCUIT DIAGRAM

STT5E-□M3

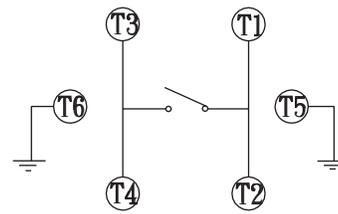
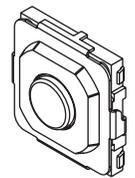
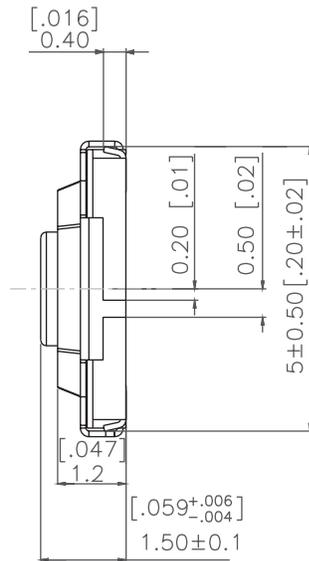
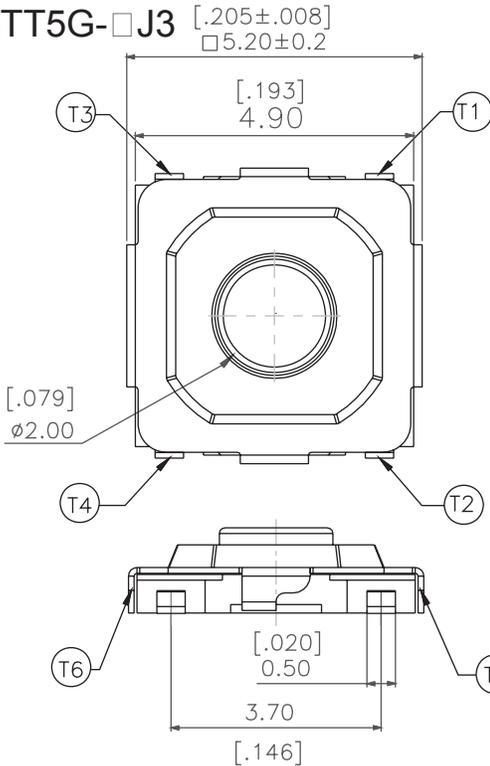


WITH GROUND
CIRCUIT DIAGRAM

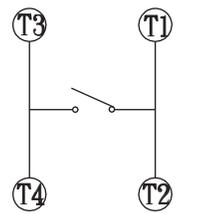


WITH GROUND
P.C.B LAYOUT

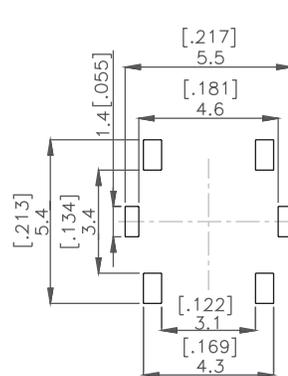
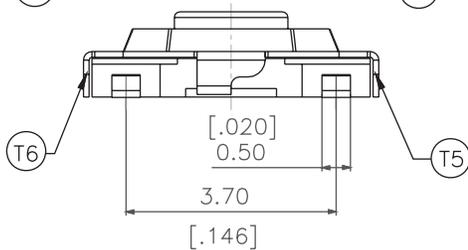
STT5G-□J3



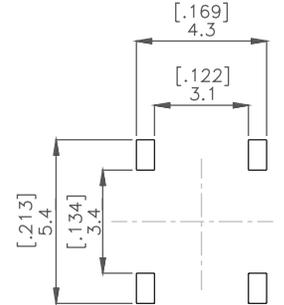
WITH GROUND
CIRCUIT DIAGRAM



WITHOUT GROUND
CIRCUIT DIAGRAM

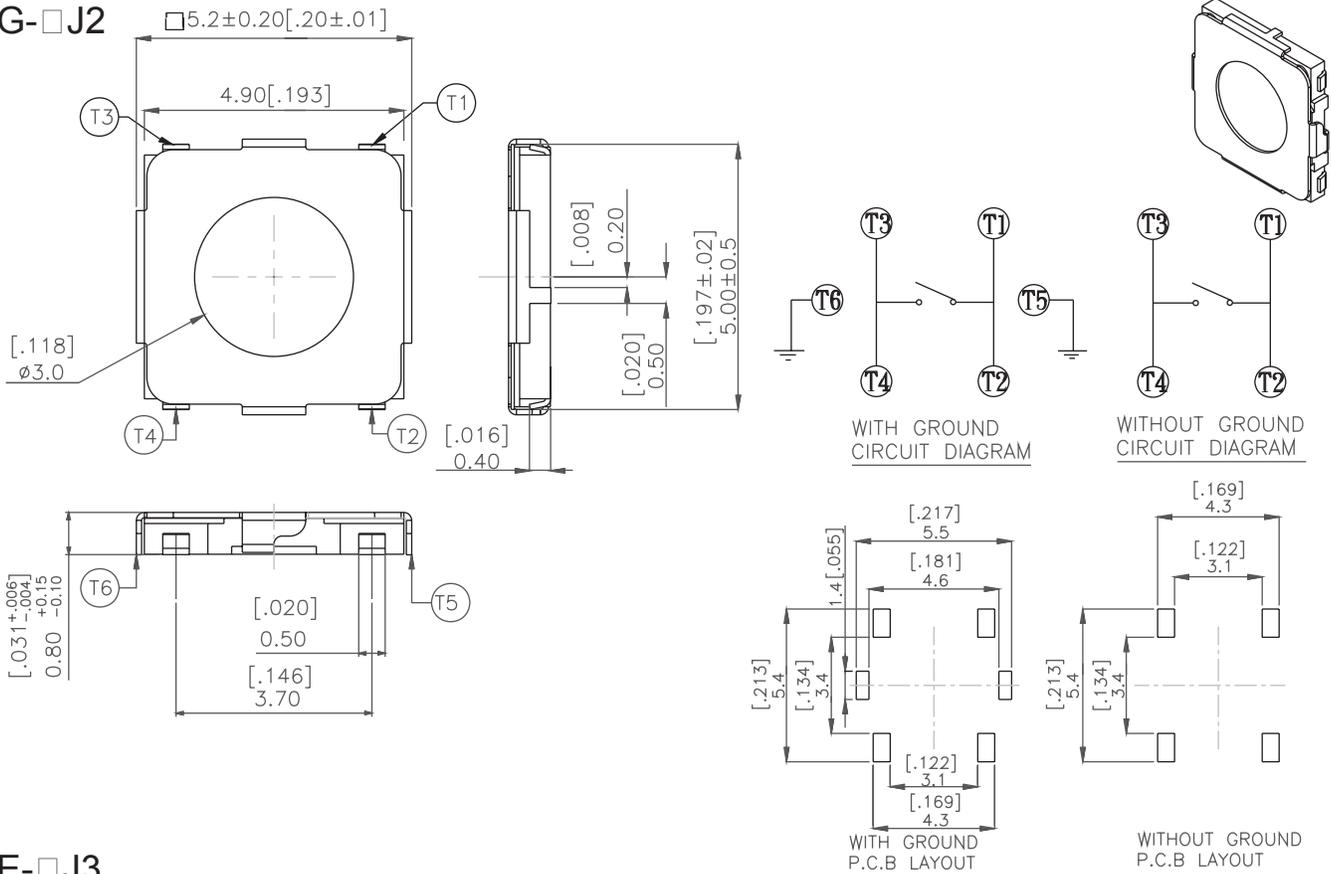


WITH GROUND
P.C.B LAYOUT

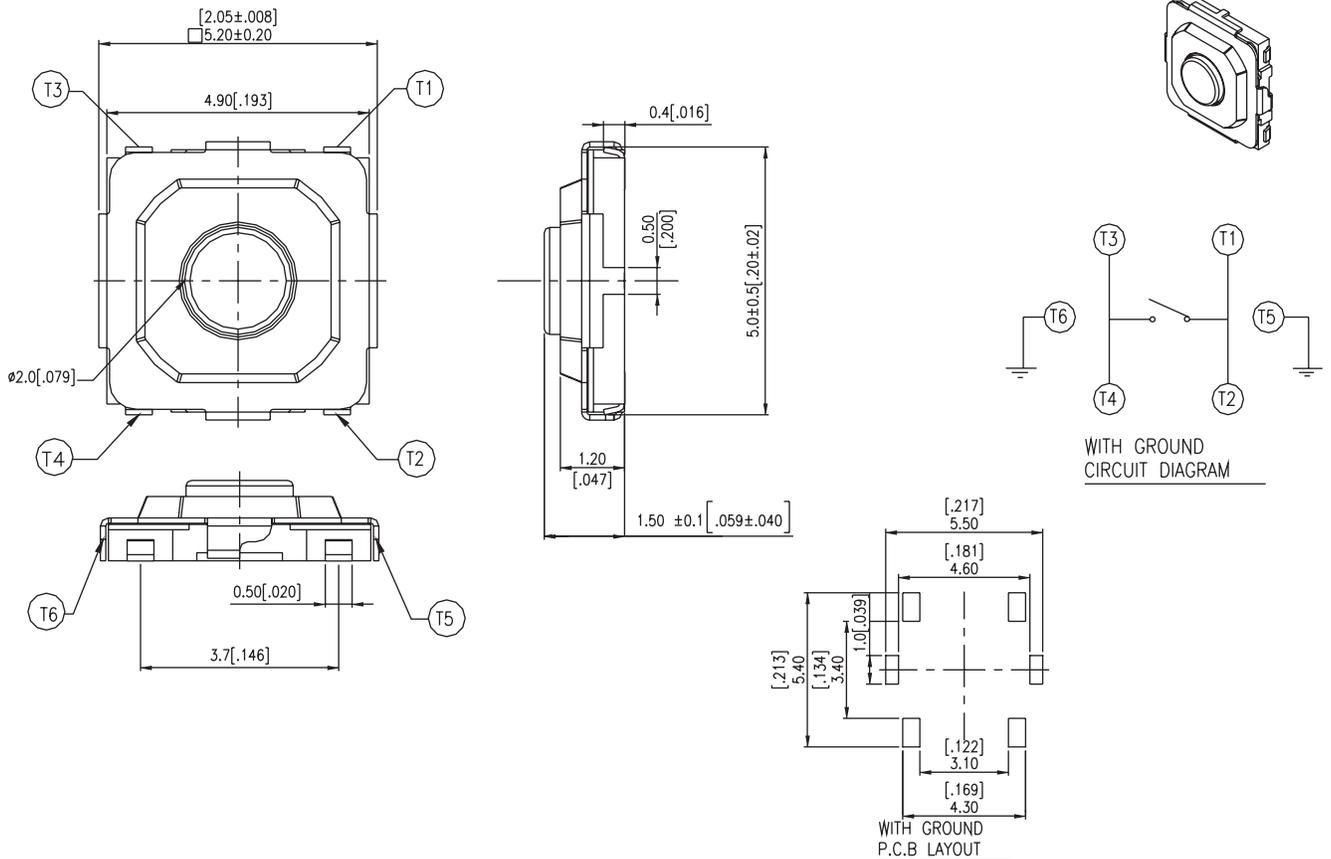


WITHOUT GROUND
P.C.B LAYOUT

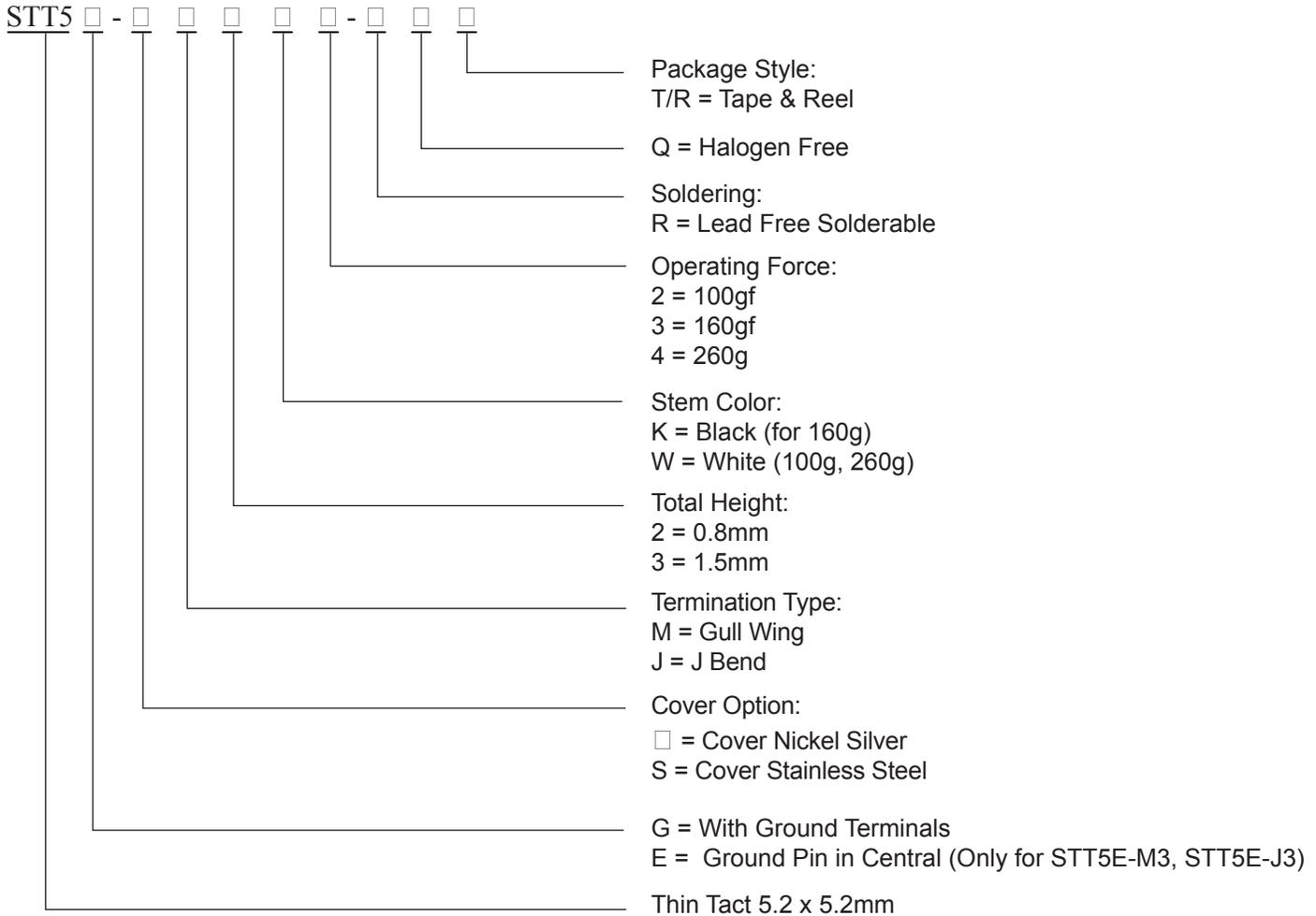
STT5G-□J2



STT5E-□J3



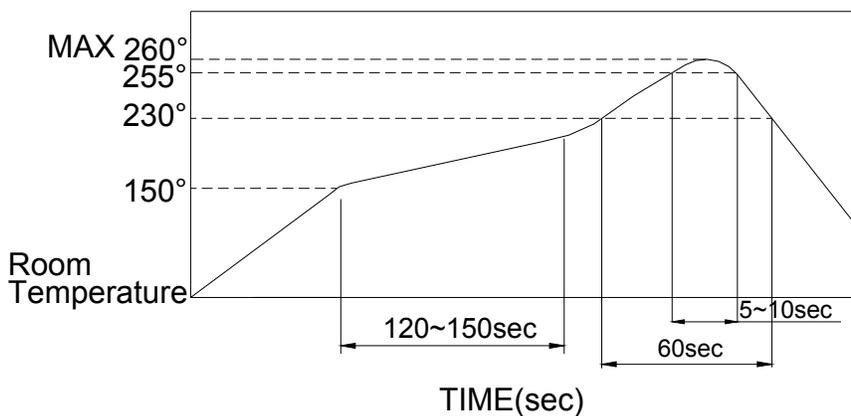
HOW TO ORDER:



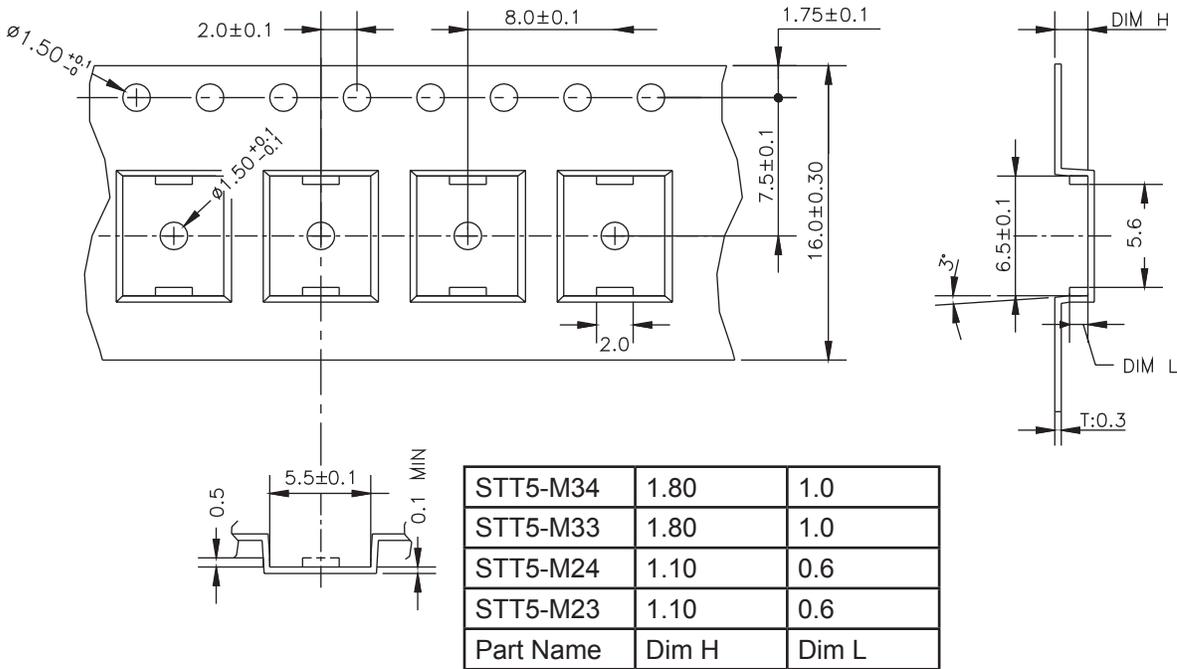
Soldering Process

▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while applying solder.

▲ Soldering : Vapor phase & reflow soldering can be applied.



STT5-M Reel



STT5-J Reel

