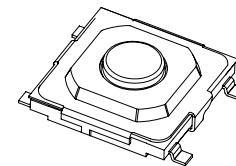
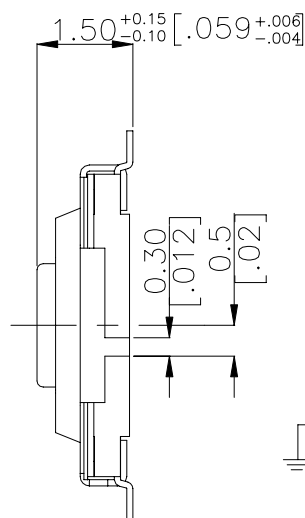
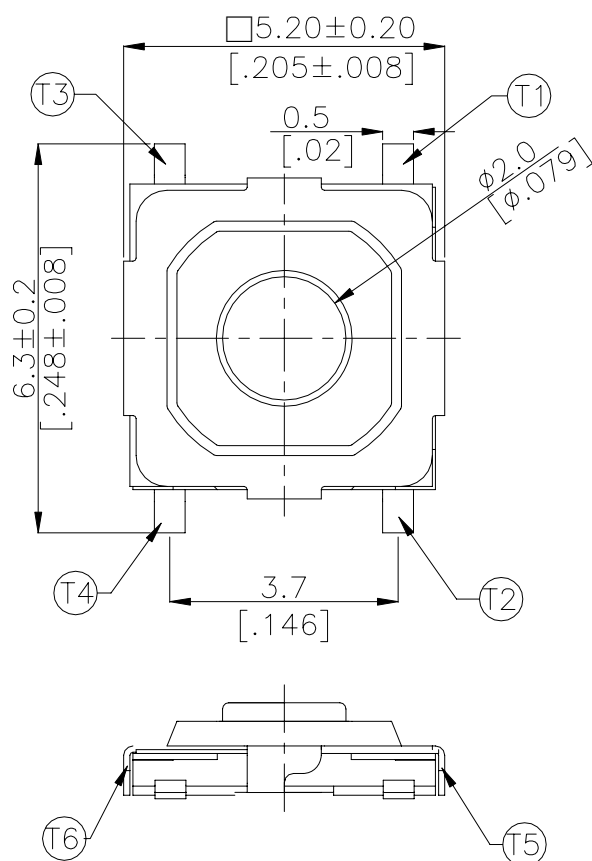


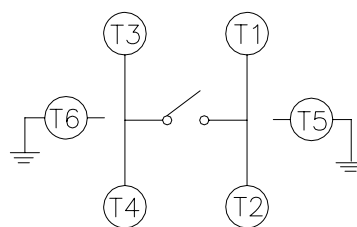
TMG.TJG-5 SERIES

DIMENSIONS

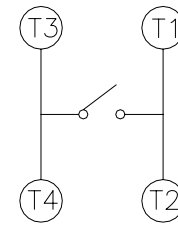
TMG-53



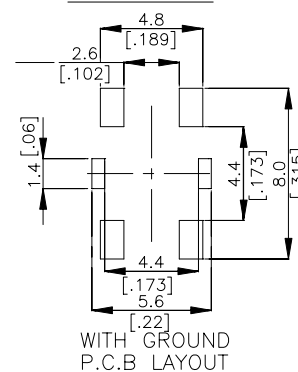
TMG-53*



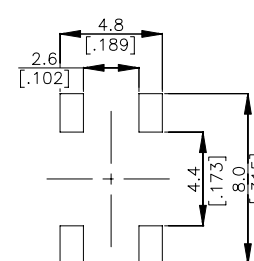
WITH GROUND
CIRCUIT DIAGRAM



WITHOUT GROUND
CIRCUIT DIAGRAM



WITH GROUND
P.C.B LAYOUT



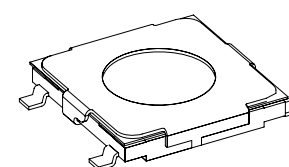
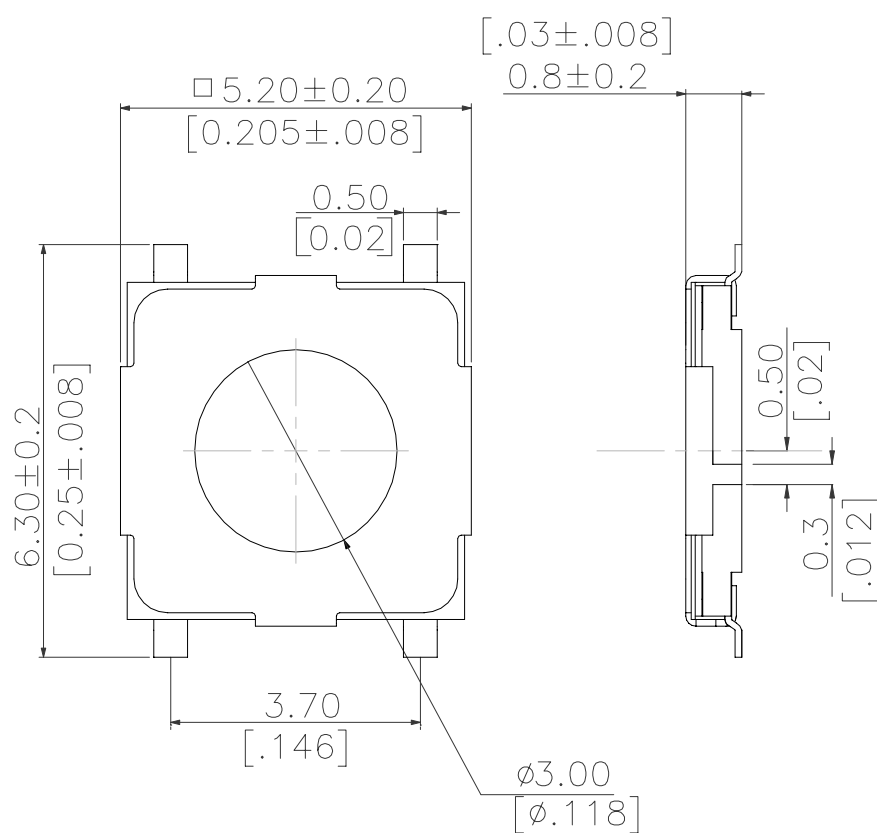
WITHOUT GROUND
P.C.B LAYOUT

Table 1

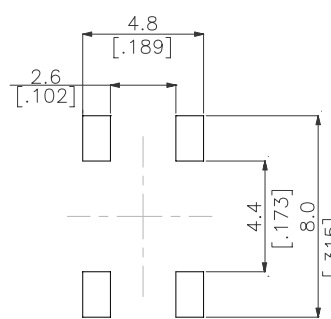
PART NO	OF
TMG-532-V	100gf
TMG-533-V	160gf
TMG-534-V	260gf

General Tolerance : $\pm 0.2\text{mm}$

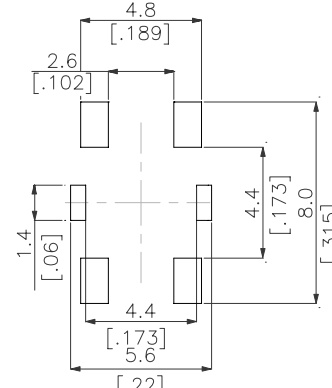
TMG-52



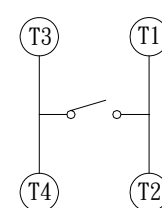
TMG-52*



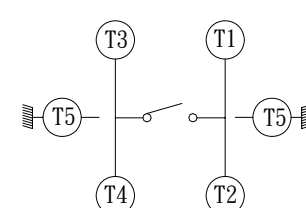
WITHOUT GROUND
P.C.B LAYOUT



WITH GROUND
P.C.B LAYOUT



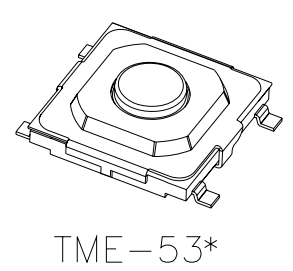
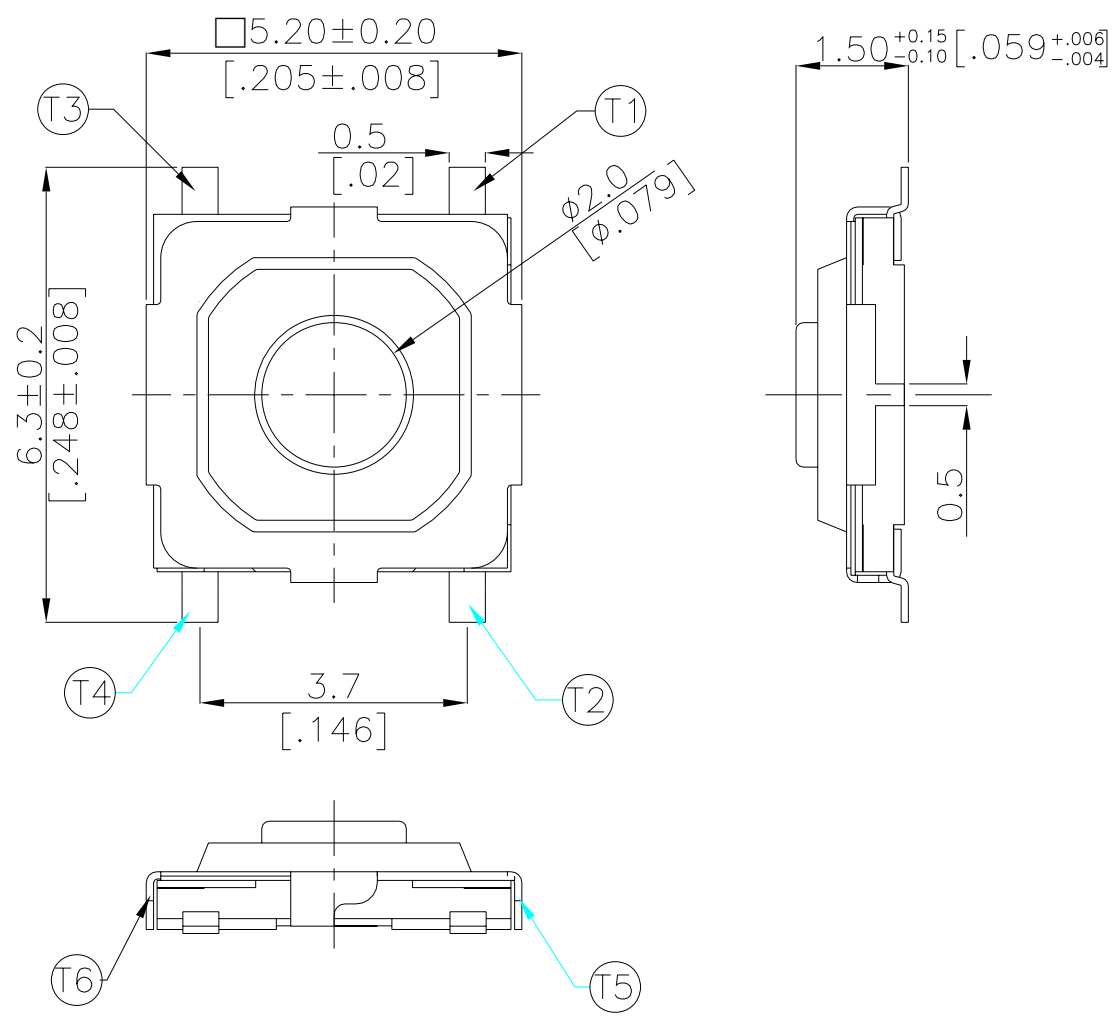
WITHOUT GROUND
CIRCUIT DIAGRAM



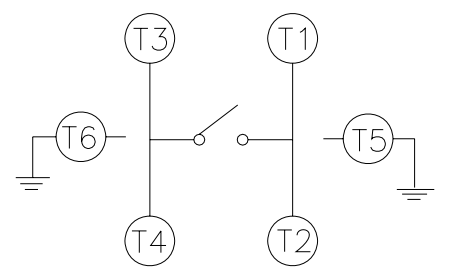
WITH GROUND
CIRCUIT DIAGRAM

General Tolerance : $\pm 0.2\text{mm}$

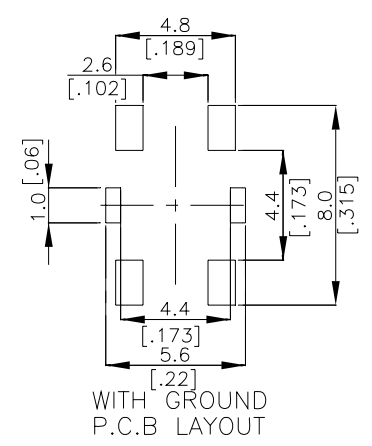
TME-53



TME-53*



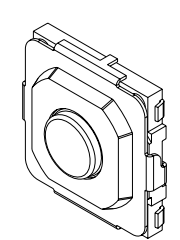
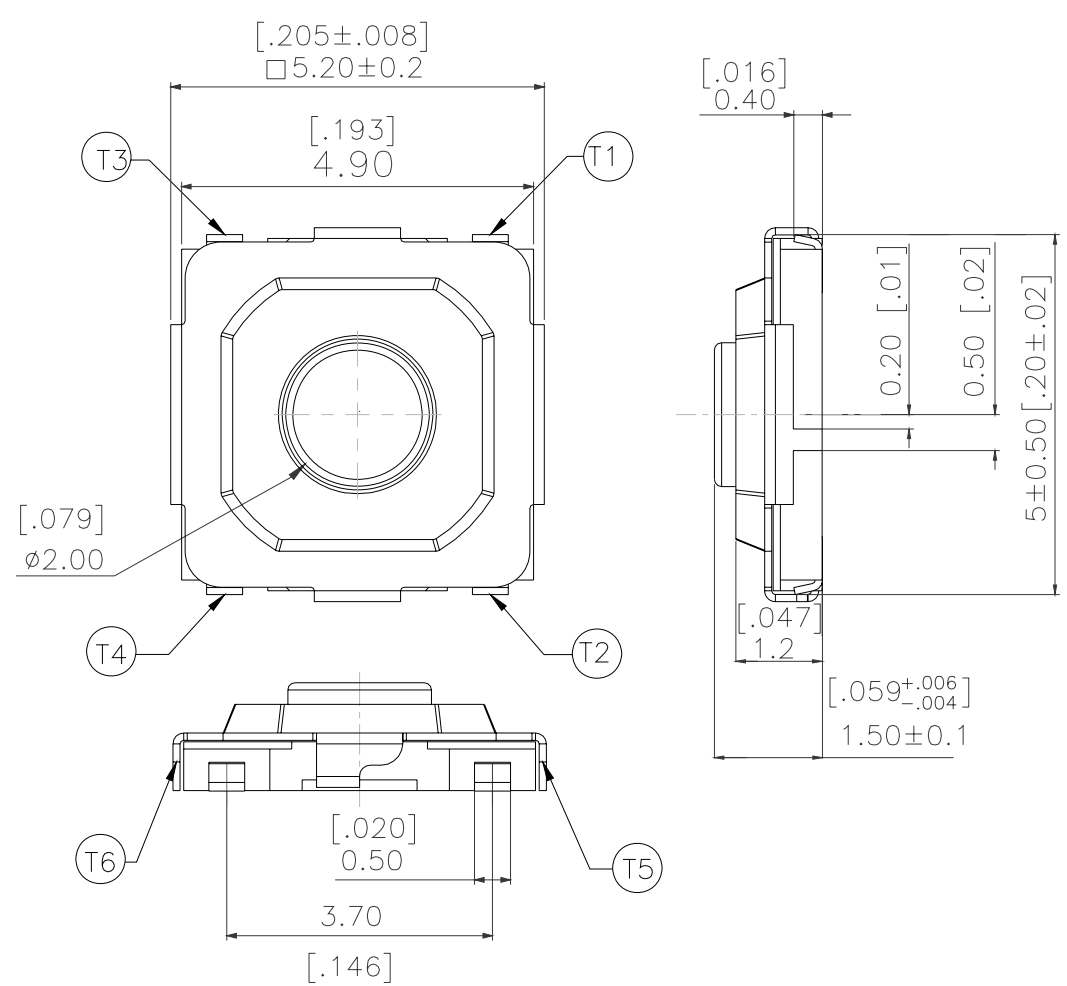
WITH GROUND
CIRCUIT DIAGRAM



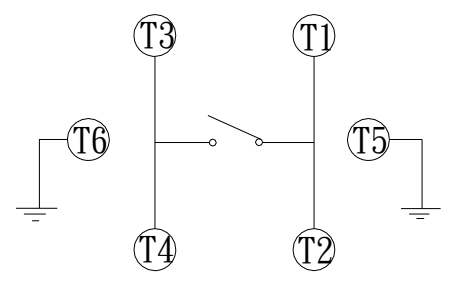
WITH GROUND
P.C.B. LAYOUT

DIMENSIONS

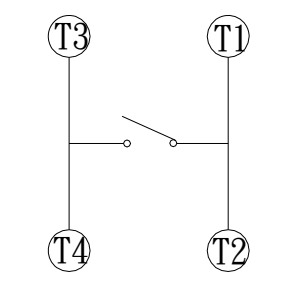
TJG-53



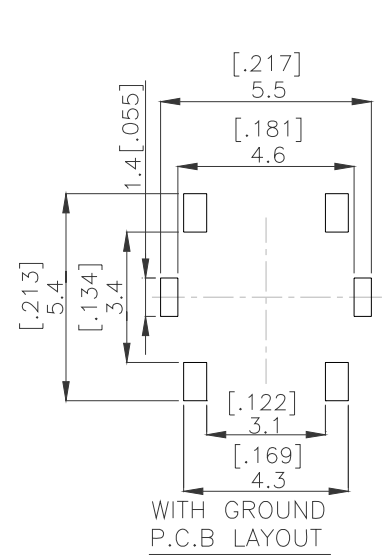
TJG-53*



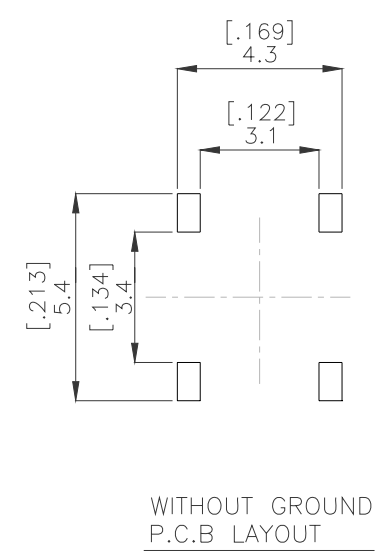
WITH GROUND
CIRCUIT DIAGRAM



WITHOUT GROUND
CIRCUIT DIAGRAM



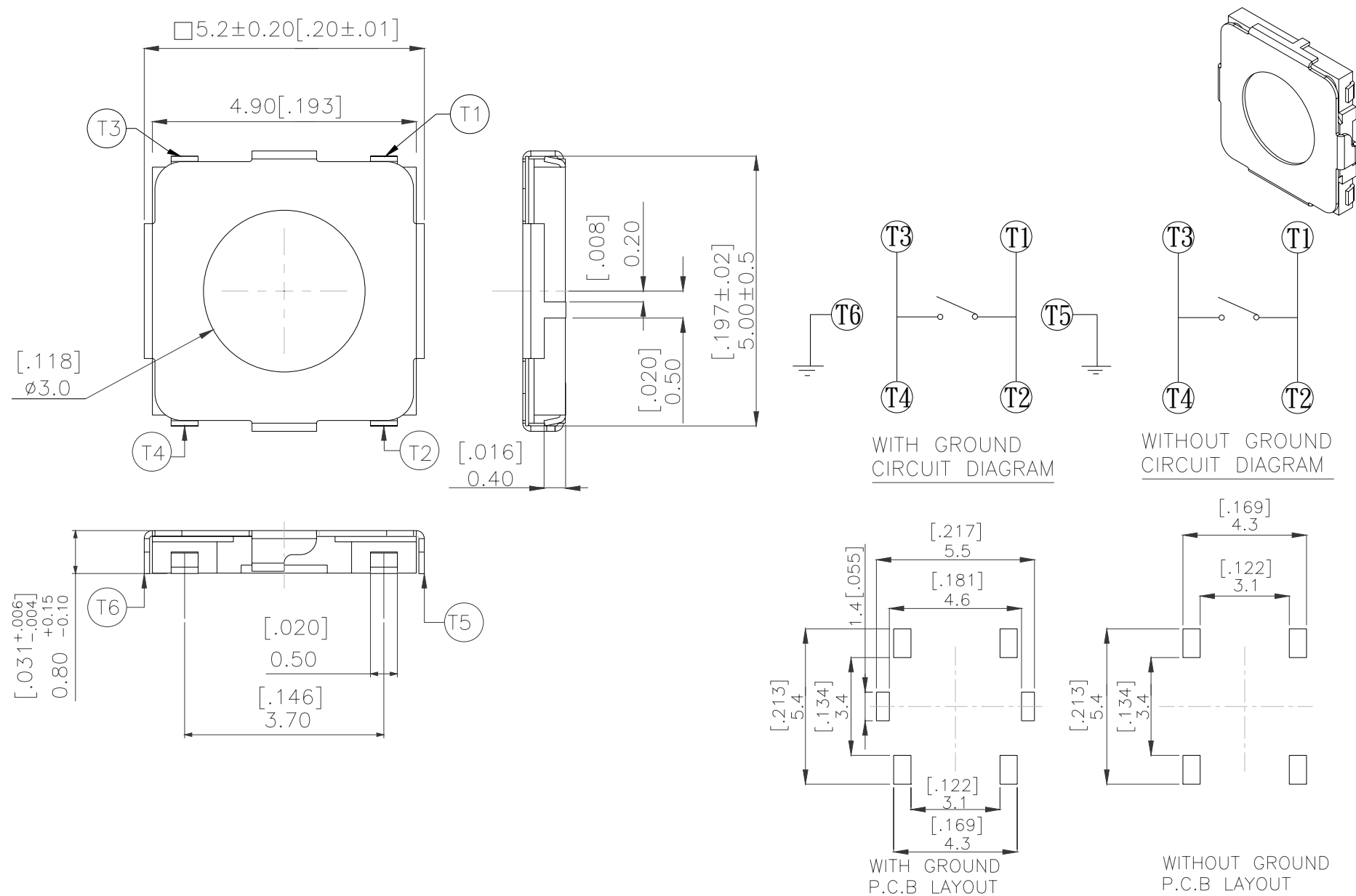
WITH GROUND
P.C.B. LAYOUT



WITHOUT GROUND
P.C.B. LAYOUT

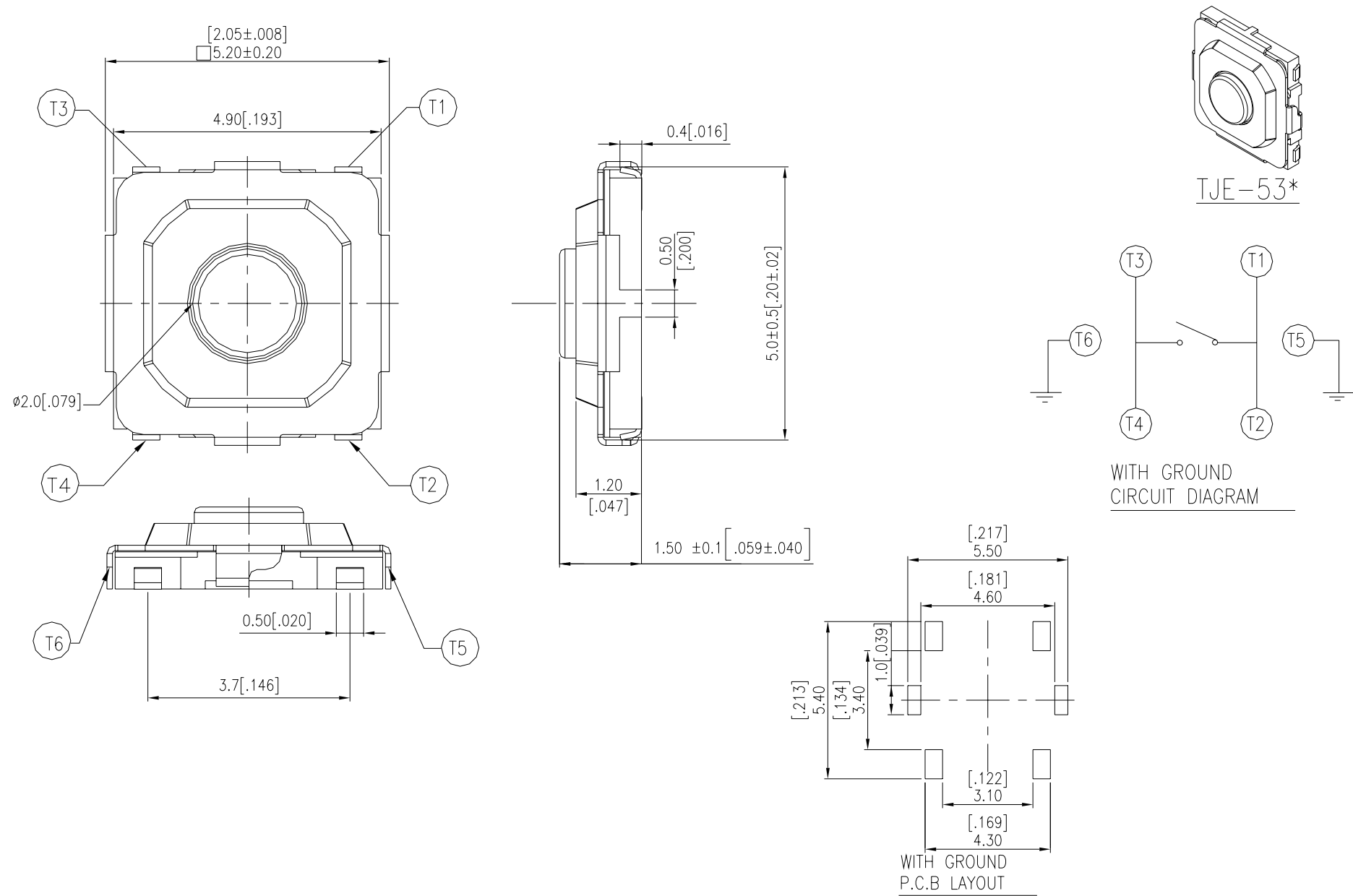
General Tolerance : ± 0.2 mm

TJG-52

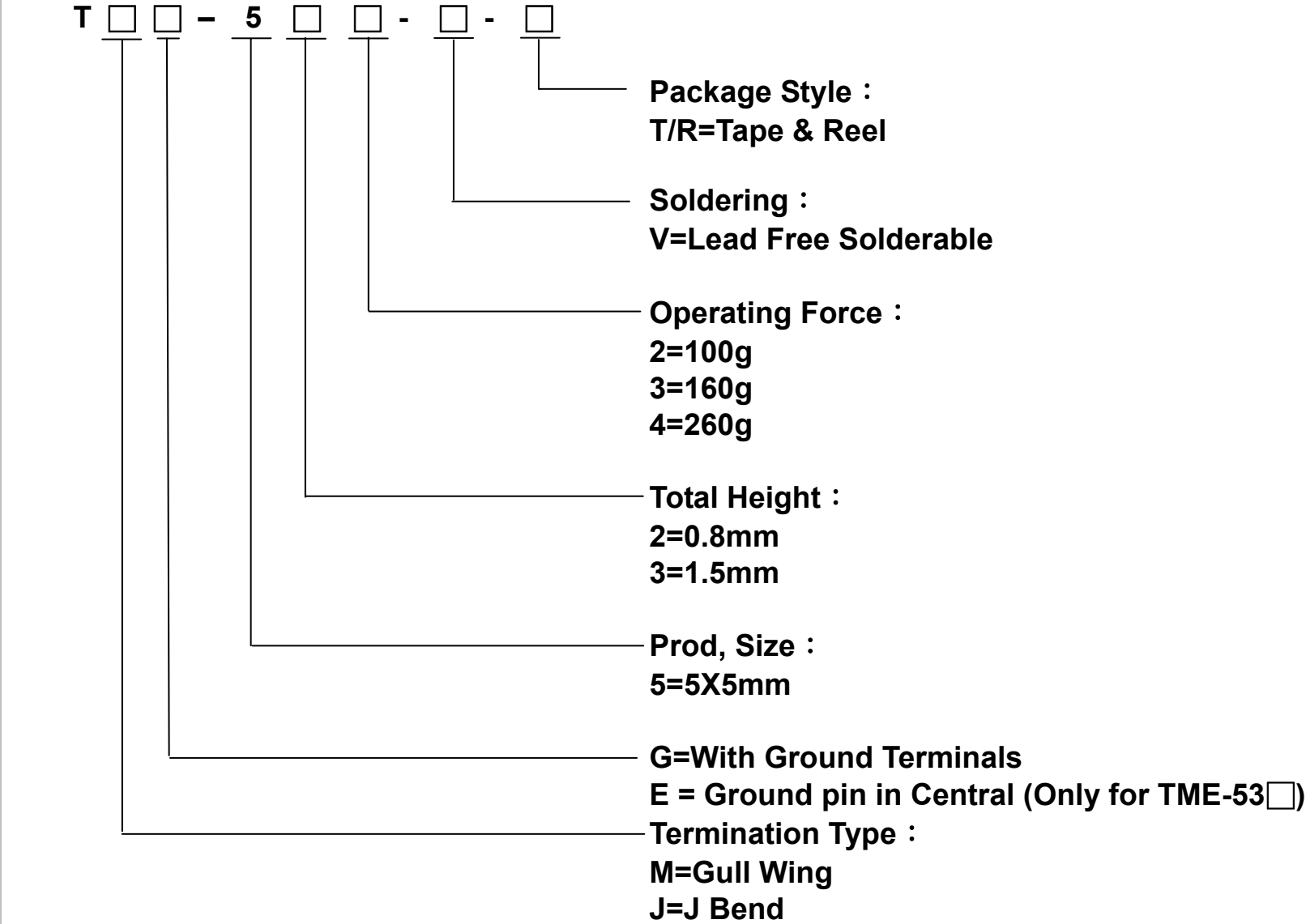


General Tolerance : $\pm 0.2\text{mm}$

TJE-53



HOW TO ORDER



SPECIFICATION

△MECHANICAL

Operation Force:
100 ± 50gf TMG-5□2, TJG-5□2
160 ± 50gf TMG-5□3, TJG-5□3, TJE-5□3
260 ± 50gf TMG-5□4, TJG-5□4, TJE-5□3
Stop Strength: Max. 3kgf vertical static load continuously for 15 seconds
Stroke: 0.25 + 0.1mm
 - 0.2mm
Operation Temperature: -25℃ to + 70℃
Storage Temperature: -30℃ to +80℃

△ELECTRICAL

Electrical Life:
1,000,000 cycles min. for TMG-5□2, TJG-5□2
1,000,000 cycles min. for TMG-5□3, TJG-5□3, TJE-5□3
200,000 cycles min. for TMG-5□4, TJG-5□4,THE-5□4
Rating: 50mA , 12VDC
Contact Resistance: 100mΩ max.
Insulation Resistance: 100MΩ min. at 500VDC
Dielectric Strength: 250VAC / 1 minute
Contact Arrangement: 1 pole 1 throw

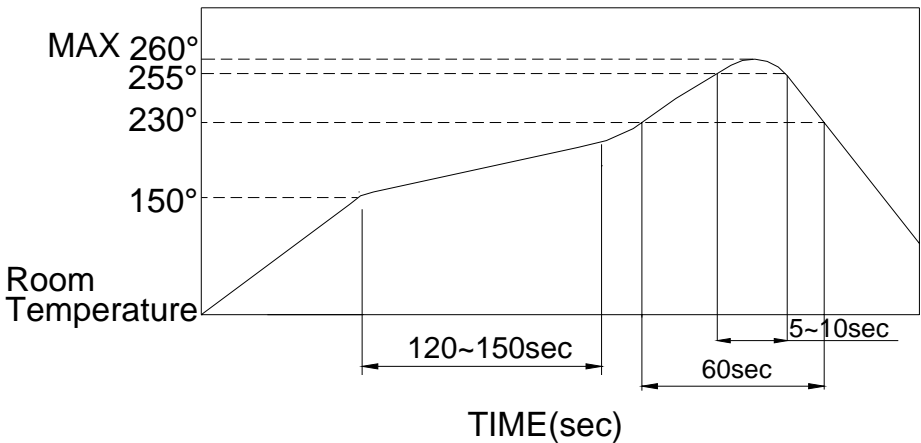
MATERIALS

△COVER: Nickel Silver
△CONTACT DISC: Stainless steel with silver cladding.
△TERMINAL: Brass with silver plated.
△BASE: LCP High-temp Thermoplastic
Color: Black
△STEM: Brass with nickel plated TMG-53□,TJG-53□,TJE-53□
None/TMG-52□, TJG-52□, TJE-52□
△TAPE: Teflon

SOLDERING PROCESS

△HAND SOLDERING: Use a soldering iron of 30 watts, controlled at 350℃ approximately Max 5 seconds while applying solder.
△SOLDERING: Vapor phase & reflow soldering can be applied.

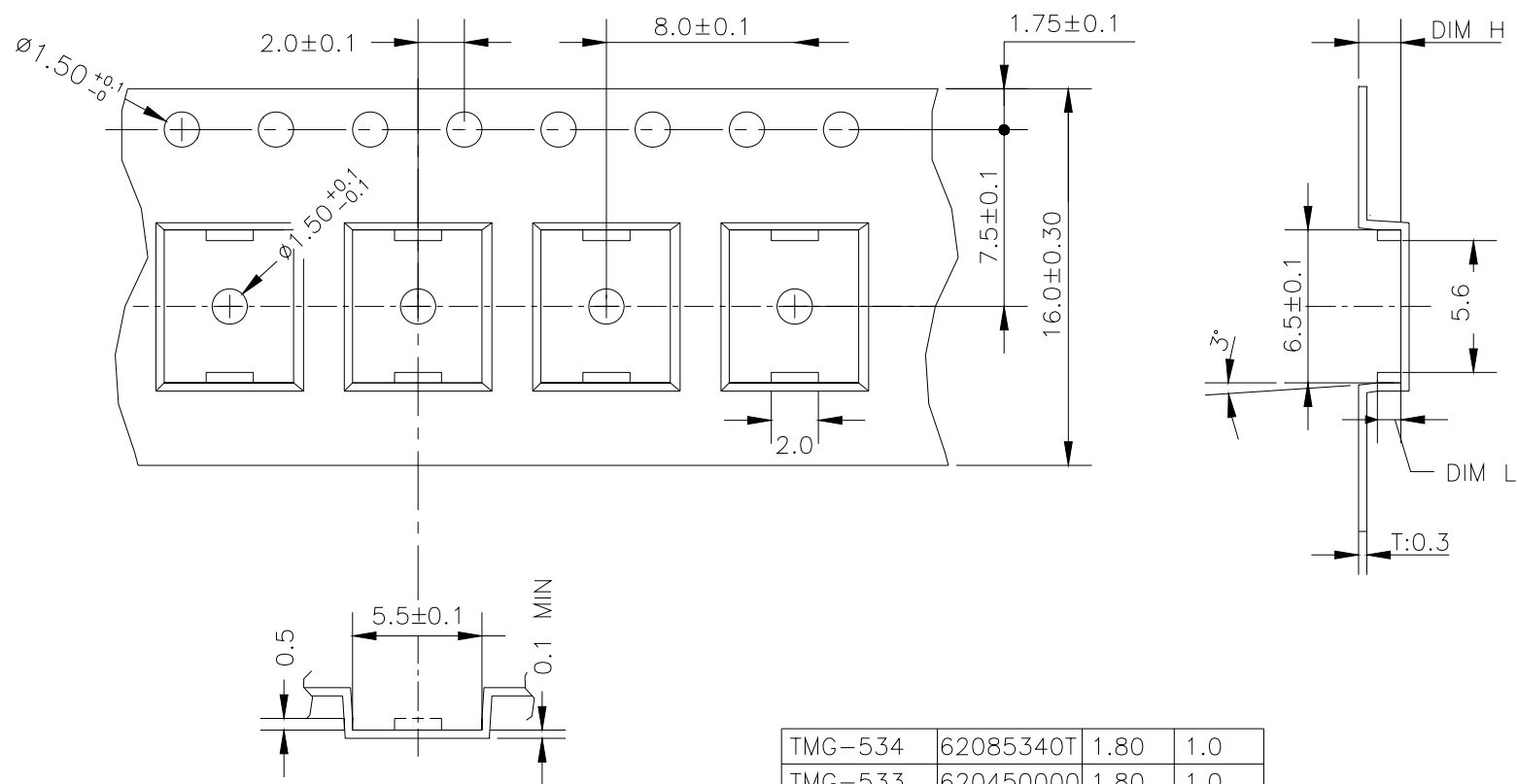
△ Temperature Profile:



PACKING

Part Number	Number Per Reel	
TMG-5	4000	
TJG-5	4000	

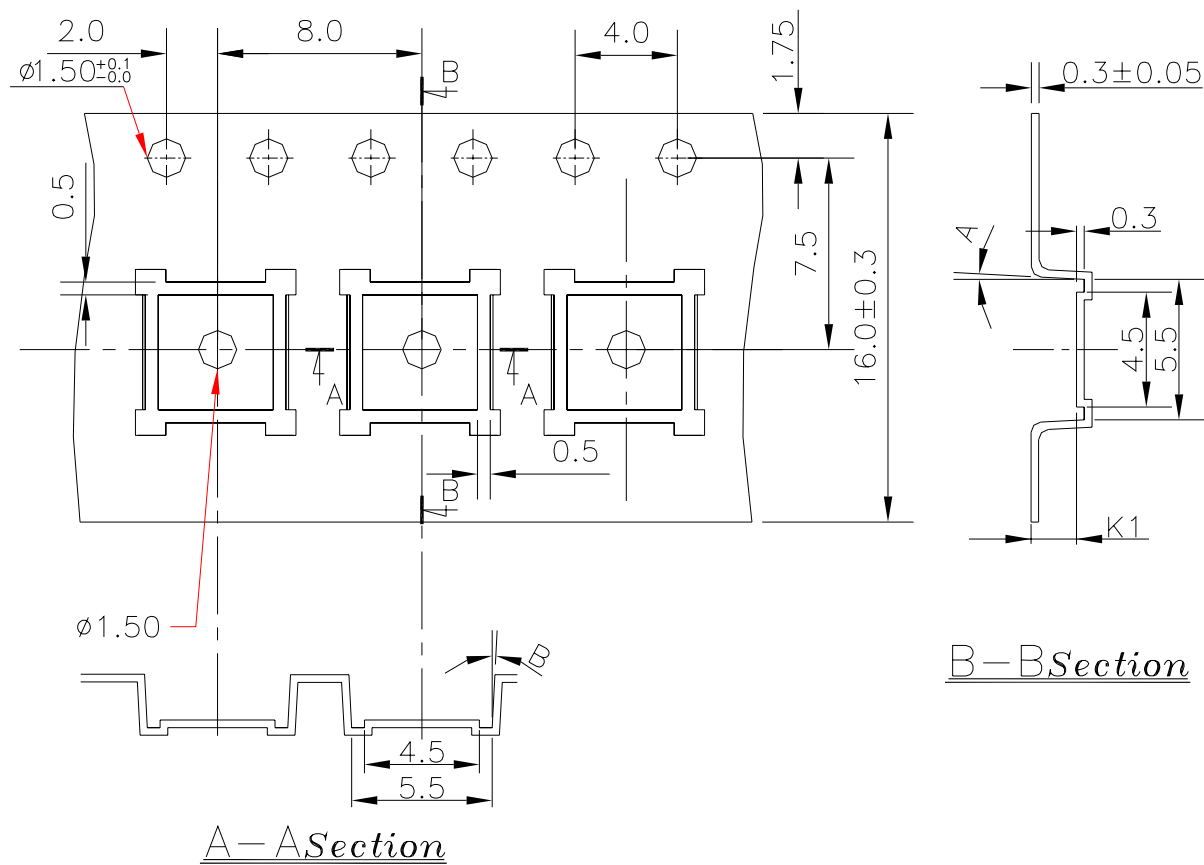
TMG-5 REEL



TMG-534	62085340T	1.80	1.0
TMG-533	620450000	1.80	1.0
TMG-524	62085240T	1.10	0.6
TMG-523	620450001	1.10	0.6
PART NAME	PART NO	DIM H	DIM L

General Tolerance : ±0.1mm

TJG-5 REEL



TJ(G)-533	3°	2.00	3°
TJ(G)-523	5°	1.25	5°
TJ(G)-534	3°	2.00	3°
TJ(G)-524	5°	1.25	5°
PART NAME:	A	K1	B

General Tolerance : ±0.1mm

PRECAUTIONS in HANDLING

Care should be exercised so that flux from the upper part of the printed circuit board does not adhere to the switch.

Except for washable type do not wash the switch body.

Press direction & illustrated drawing:

