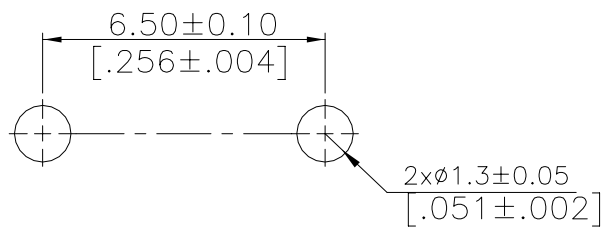
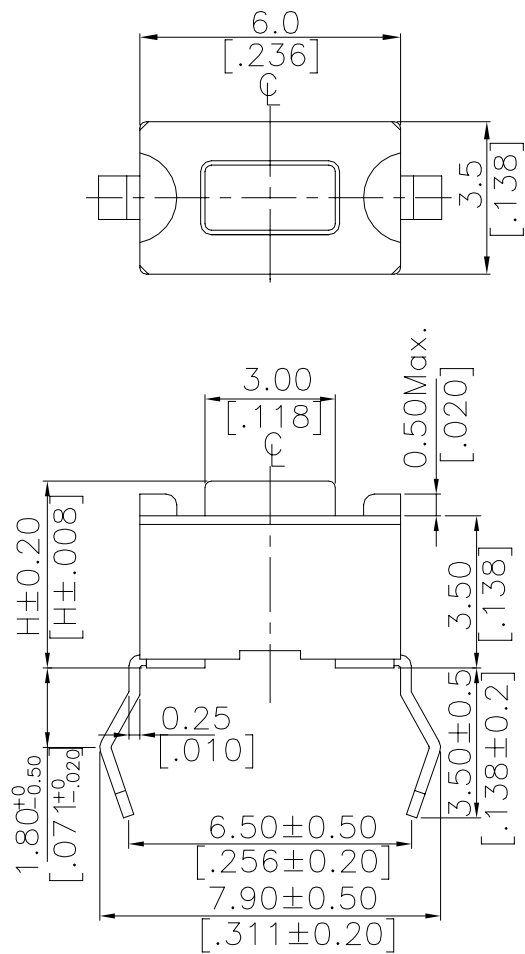


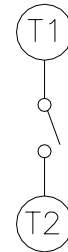
DTS(M)L-3、DTSMF-3 SERIES

DIMENSIONS

DTS-3



P.C.B. LAYOUT

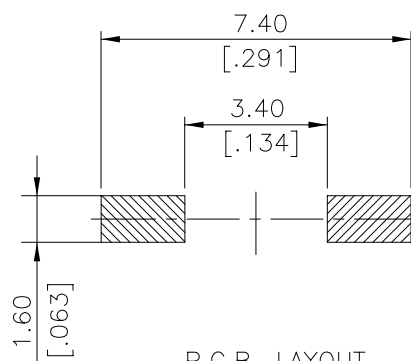
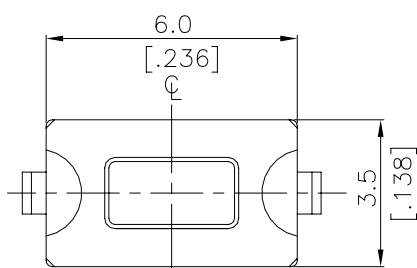


CIRCUIT DIAGRAM

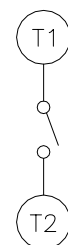
DTS-32□-V	5.0[0.197]	Y	YELLOW	520g
		S	SALMON	320g
		R	RED	260g
		N	BROWN	160g
DTS-31□-V	4.3[0.169]	Y	YELLOW	520g
		S	SALMON	320g
		R	RED	260g
		N	BROWN	160g
PROD. NO.	H	COLOR FOR OPERATING FORCE		

General Tolerance : ±0.2mm

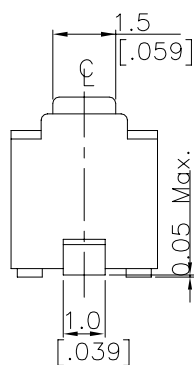
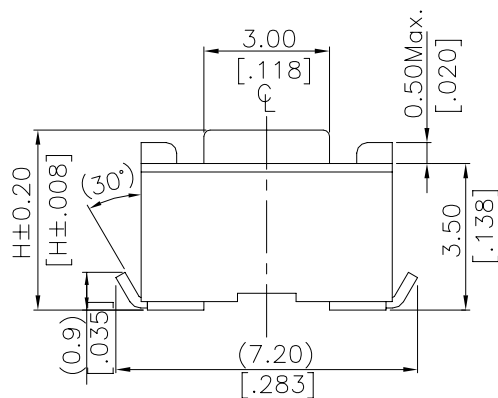
DTSM-3



P.C.B. LAYOUT



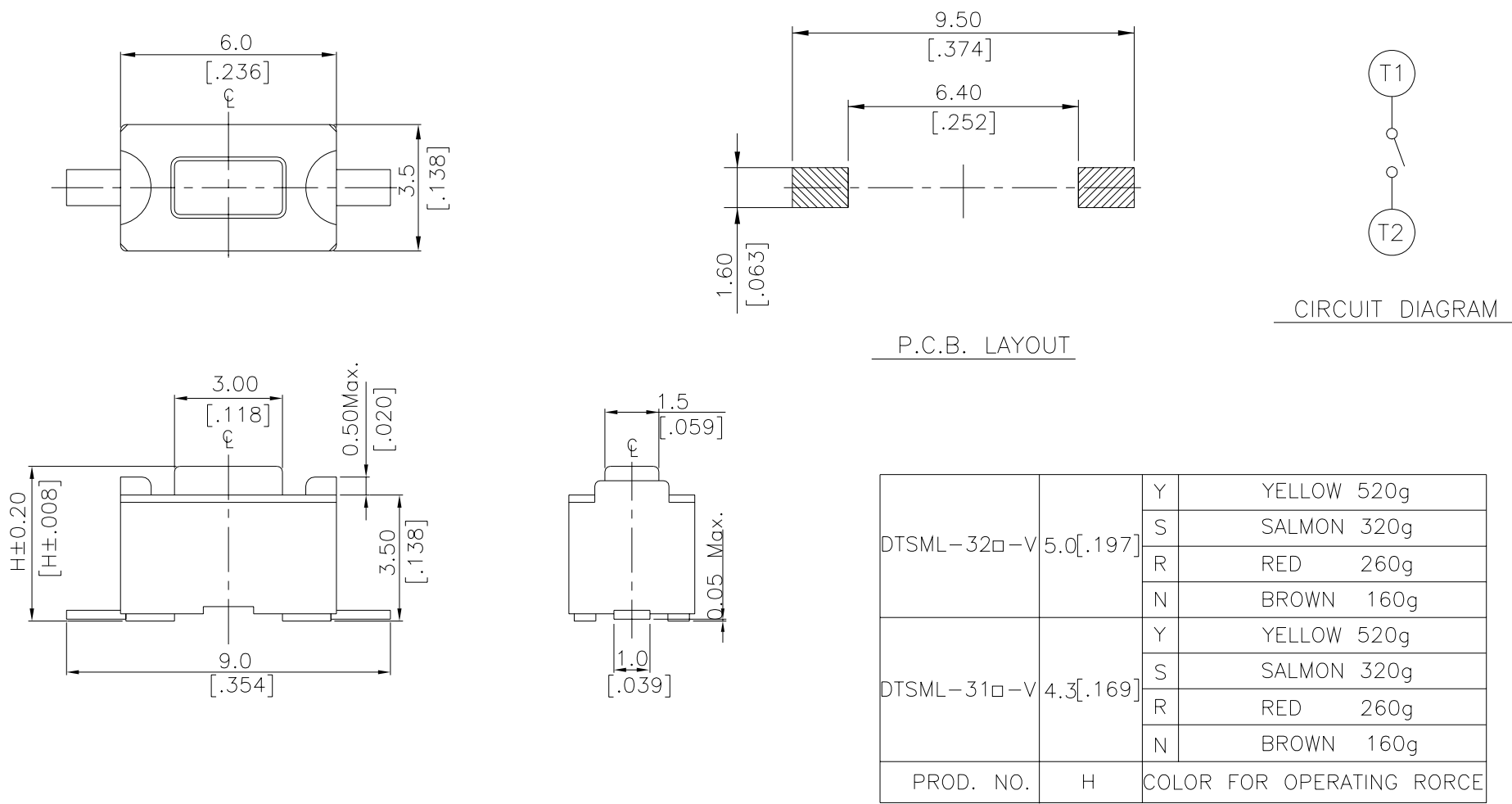
CIRCUIT DIAGRAM



DTSM-32□-V	5.0[0.197]	Y	YELLOW	520g
		S	SALMON	320g
		R	RED	260g
		N	BROWN	160g
DTSM-31□-V	4.3[0.169]	Y	YELLOW	520g
		S	SALMON	320g
		R	RED	260g
		N	BROWN	160g
PROD. NO.	H	COLOR FOR OPERATING FORCE		

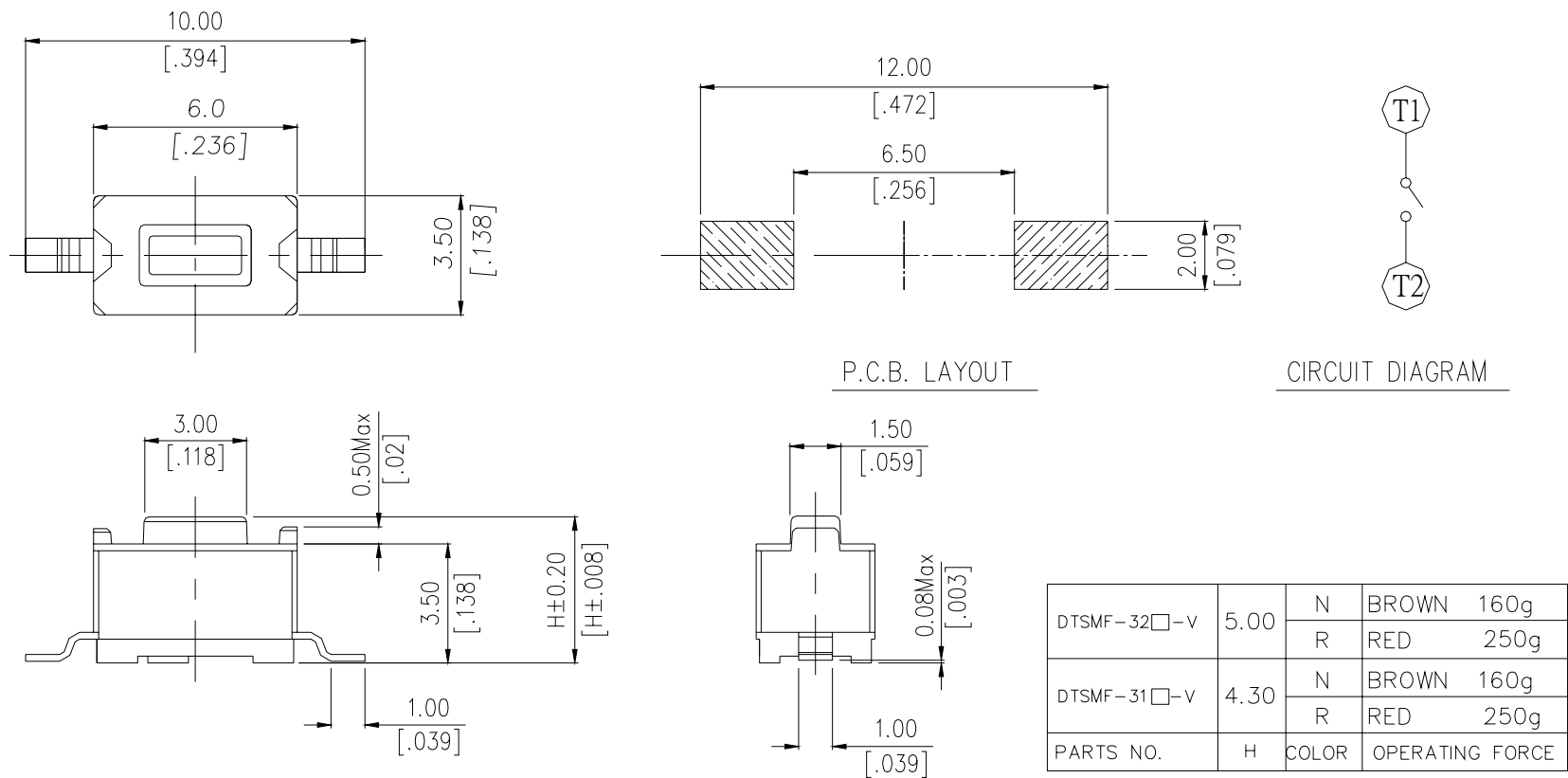
General Tolerance : ±0.2mm

DTSML-3



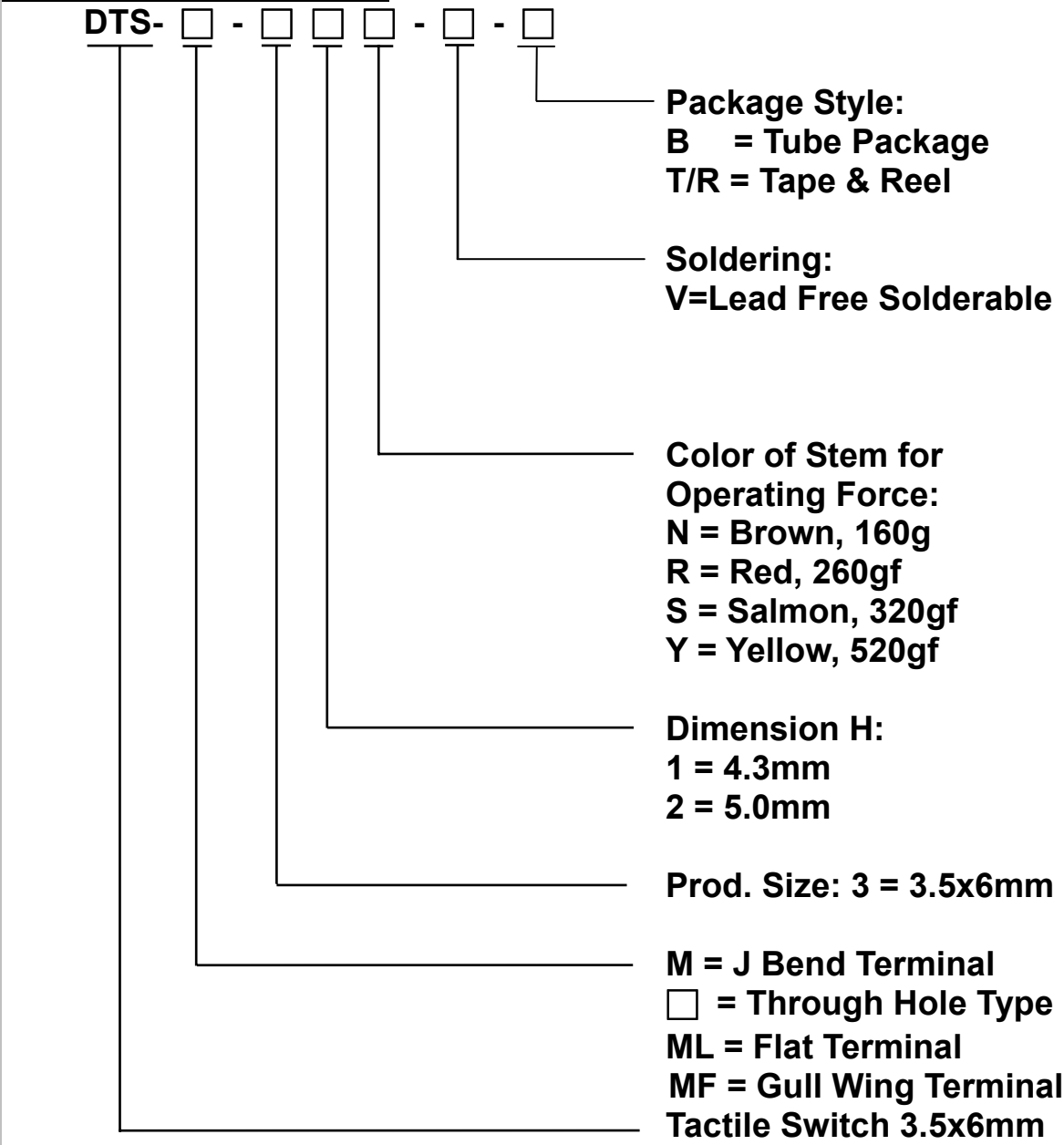
General Tolerance : ±0.2mm

DTSMF-3



General Tolerance : ±0.2mm

HOW TO ORDER



SPECIFICATION

△MECHANICAL

Operation Force: 520 ± 130gf Yellow (Y)
320 ± 80gf Salmon (S)
260 ± 50gf Red (R)
160 ± 50gf Brown (N)

Stroke: 0.25 +0.20 / - 0.1 mm

Operation Temperature: -25℃ to +70℃

Storage Temperature: -30℃ to +80℃

△ELECTRICAL

Electrical Life: 50,000 cycles for 160gf, 320gf
30,000 cycles for 260gf, 520gf

Rating: 50mA, 12VDC

Contact Resistance: 100mΩ max.

Insulation Resistance: 100MΩ min. at 500VDC

Dielectric Strength: 250VAC/ 1minute

Contact Arrangement: 1 pole 1 throw

MATERIAL

△COVER: Stainless steel

△BASE: UL94V-0 Nylon High-Temp. Thermoplastic

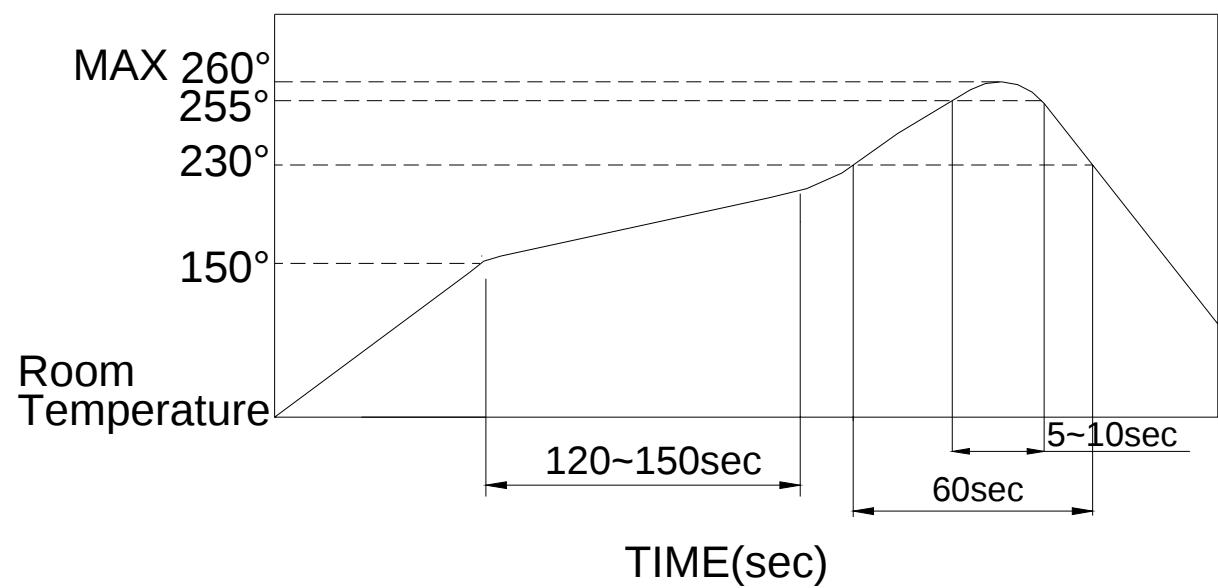
△STEM: UL94V-0 Nylon High-Temp. Thermoplastic
Color: Brown, (160gf), Red (260gf)
Salmon (320gf), Yellow (520gf)

△CONTACT DISC: Stainless with silver cladding

△TERMINAL: Brass with silver plated

SOLDERING PROCESS

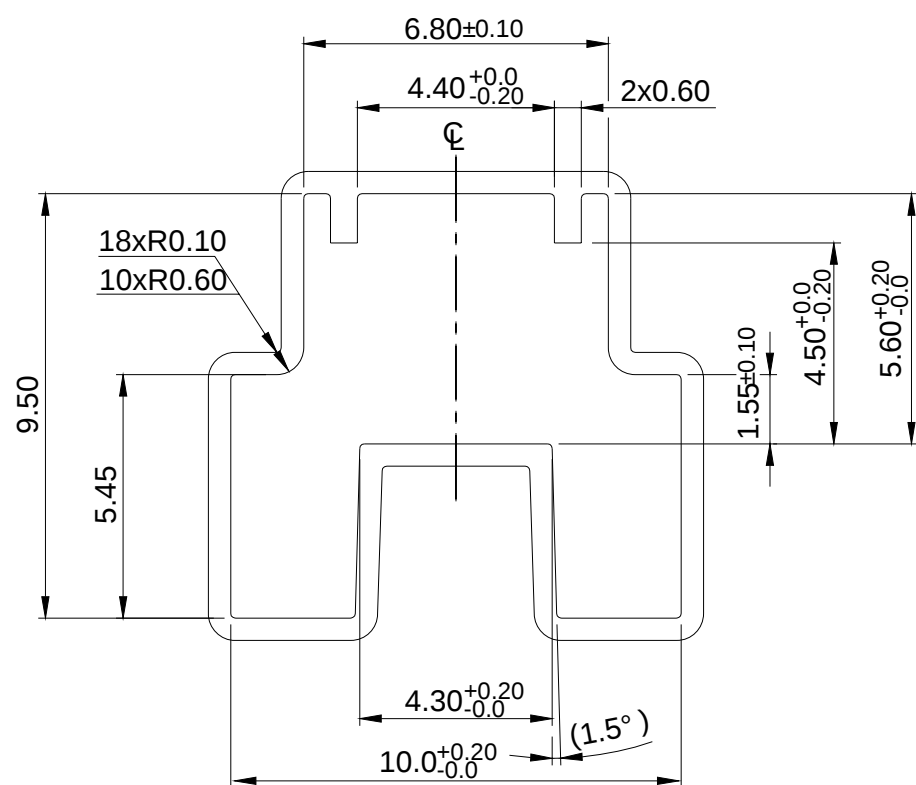
- △HAND SOLDERING : Use a soldering iron of 30 watts, controlled at 350℃ approximately max 5 seconds while applying solder.
- △REFLOW SOLDERING: When applying reflow soldering, the peak temperature or the reflow oven should be set at 260℃ max.
- △WAVE SOLDERING: Recommended solder temperature at 500°F (260℃) max. 5 seconds for through hole type. subject to P.C.B 1.6mm thickness.
- △Reflow Temperature Profile:



PACKING

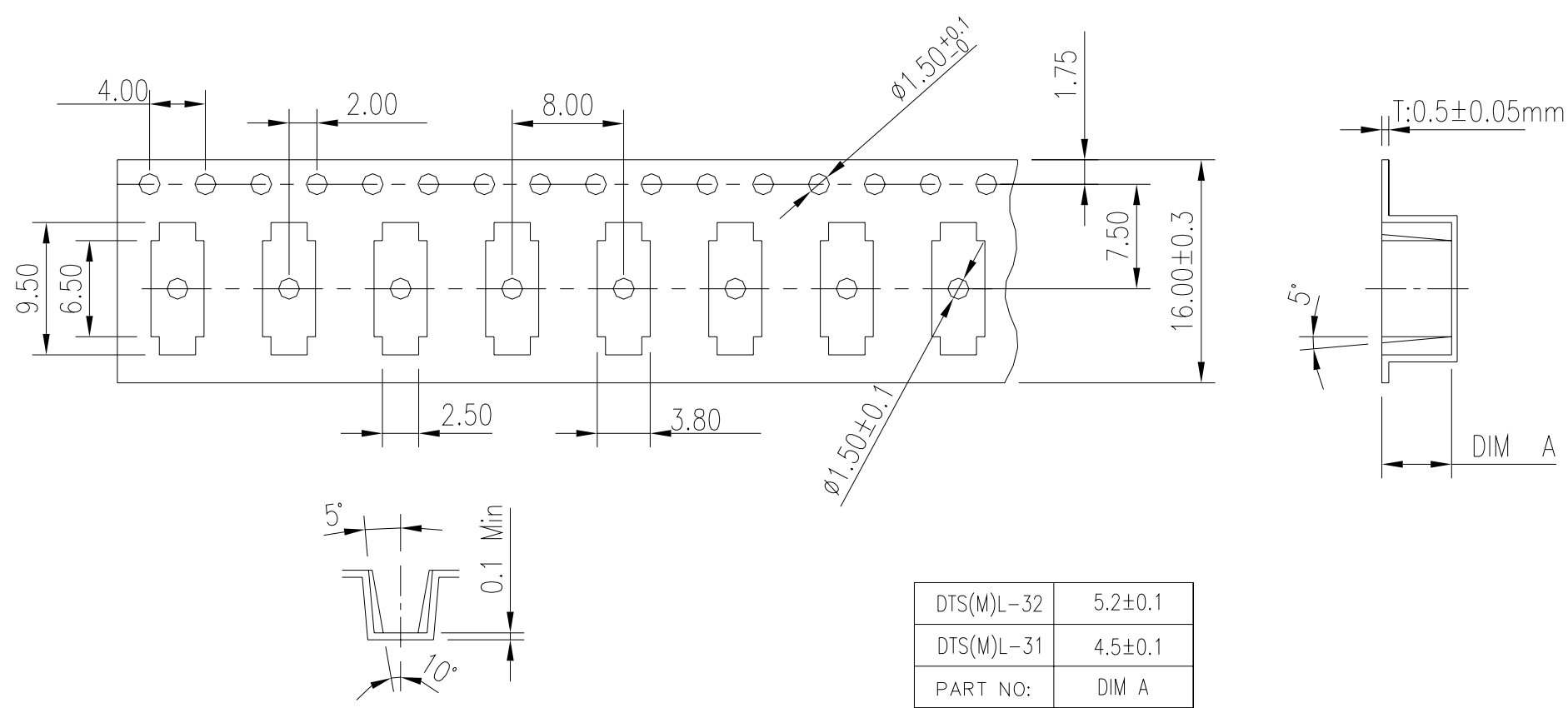
Part Number	Number Per Tube	Number Per Reel
DTS-3	135	-
DTS(M)L-31	135	1800
DTS(M)L-32	135	1600
DTSMF-31		1800
DTSMF-32		1600

TUBE



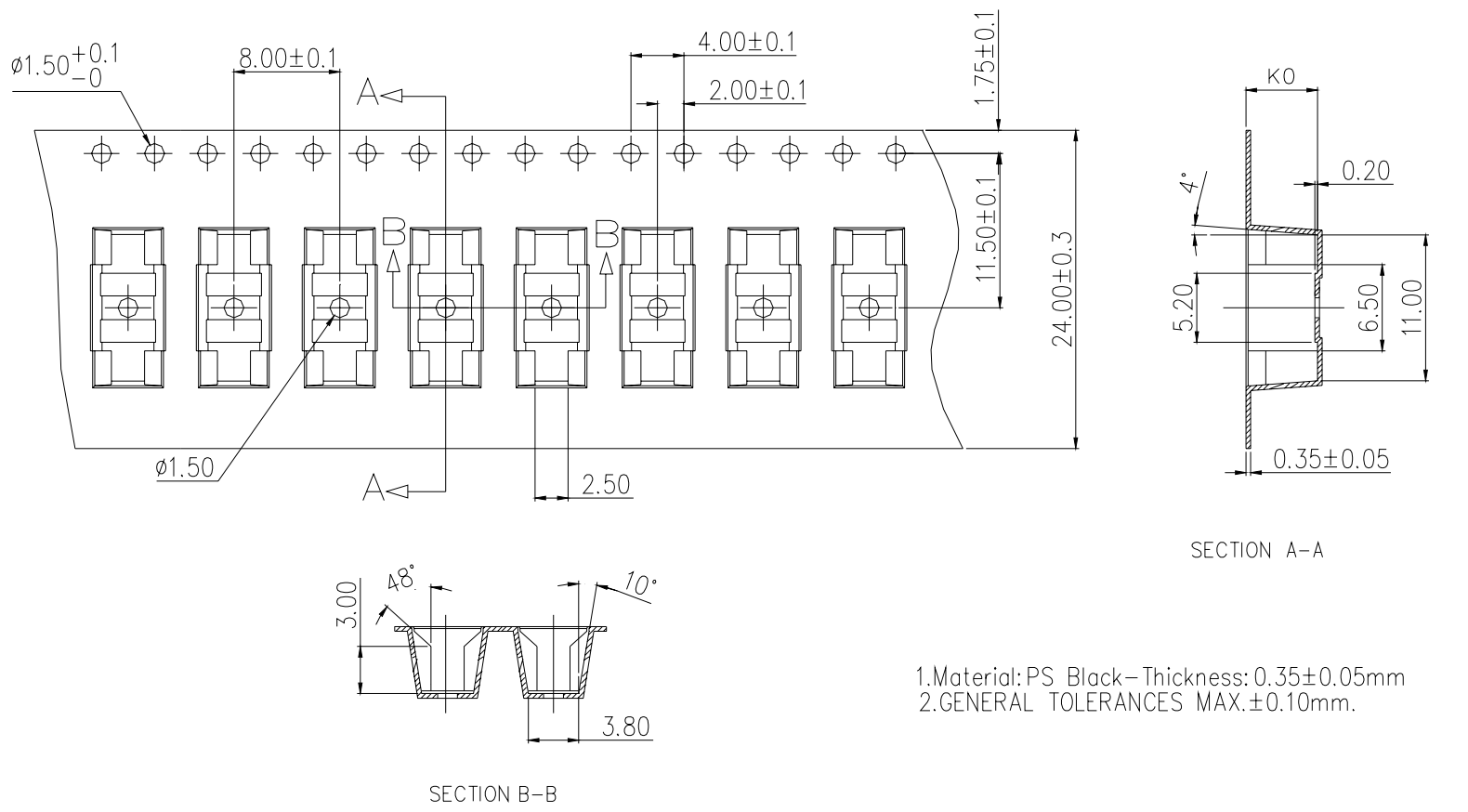
General Tolerance : ±0.2mm

REEL



General Tolerance : ±0.1mm

DTSMF-3



General Tolerance : ±0.1mm