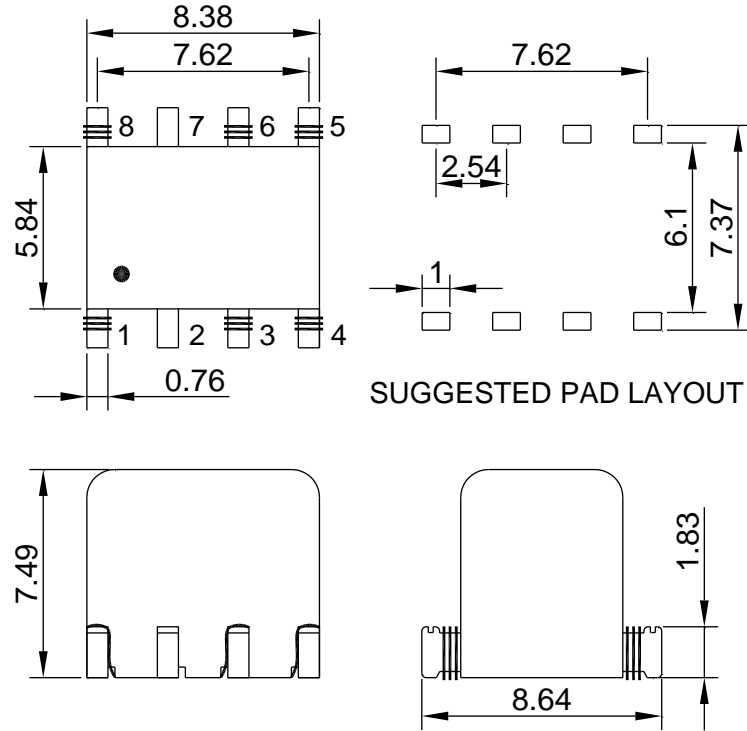


REV.	DESCRIPTION	DATE	DWN	AP'PD

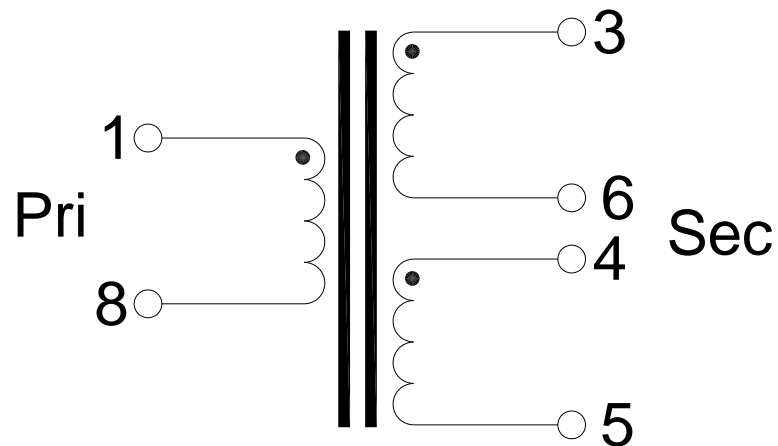
## 一、Mechanical Dimensions



SUGGESTED PAD LAYOUT

UNIT: mm Unless otherwise specified, all tolerances are  $\pm 0.25$

## 二、Schematics



## 三、ELECTRICAL SPECIFICATIONS@25°C:

1. Turn Ratio( $\pm 5\%$ ): (1-8):(3-6):(4-5) = 2:1:1
2. Pri Inductance(100KHz/0.1V)(1-8): 1.2mH MIN
3. Pri LL (100KHz/0.1V)(1-8): 0.6uH MAX
4. Pri DCR(1-8): 0.91  $\Omega$  MAX
5. Sec DCR(3-6,4-5): 0.46  $\Omega$  MAX
6. HI-POT: 1500Vrms/0.5mA/2Sec
7. Operating Temperature: 0°C TO +70°C.
8. RoHS compliance: YES

Ref: PA0297NL (KTSM-ST 483-8B)



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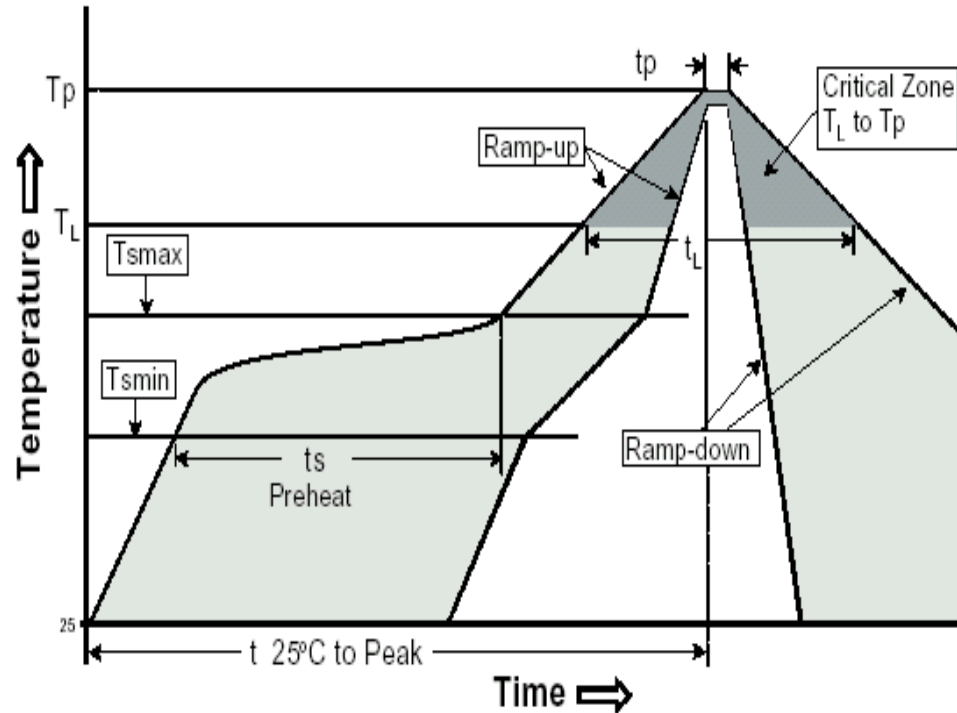
DWN

Hu XiaoLan

## 四、RoHS compliant type

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Our RoHS parts just can withstand IR Reflow peak temperature: 240degC+/-5degC as the following profile:



Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate ( $T_{smax}$ to $T_p$ )	3°C /second max.
<b>Preheat</b> -Temperature Min ( $T_{smin}$ ) -Temperature Max ( $T_{smax}$ ) -Time ( $t_{smin}$ to $t_{smax}$ )	150°C 200°C 60-180 seconds
<b>Time maintained above:</b> -Temperature ( $T_L$ ) -Time ( $t_L$ )	217°C 60-150 seconds
Peak/Classification Temperature ( $T_p$ )	240±5°C
Time within 5°C of actual Peak Temperature ( $t_p$ )	20-40 seconds
Ramp-Down Rate	6°C/seconds max
Time 25°C to Peak Temperature	6 minutes max.



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