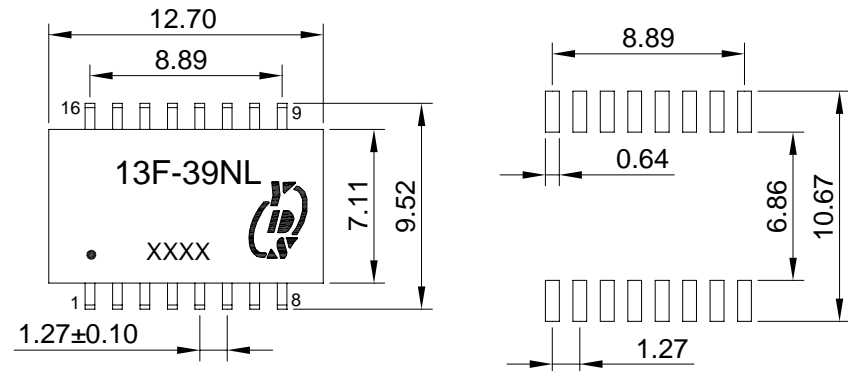
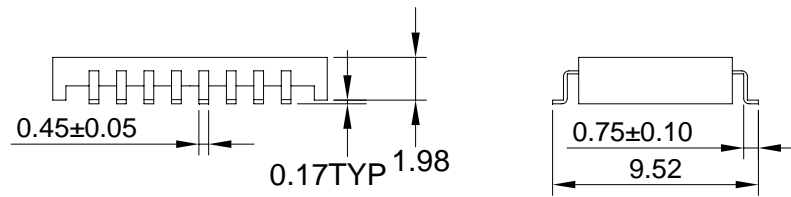


REV.	DESCRIPTION	DATE	DWN	AP'PD

## 一、Mechanical Dimensions

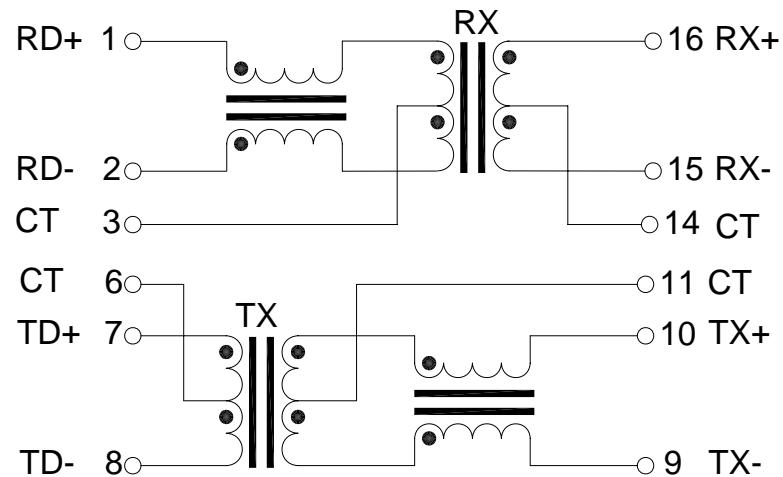


SUGGESTED PAD LAYOUT



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

## 二、Schematics



## 三、ELECTRICAL SPECIFICATIONS@25°C:

1. Turn Ratio( $\pm 5\%$ ): 1CT:1CT
2. Inductance(100KHz/0.1V)(16-15,7-8): 350uH MIN.
3. Insertion Loss (dB MAX): -0.9dB(0.1-100MHz)
4. Return Loss (dB MIN): -16dB(30MHz), -12dB(60MHz),-11dB(80MHz)
5. HI-POT: 1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec
6. Operating Temperature:0°C TO +70°C
7. RoHS compliance: YES

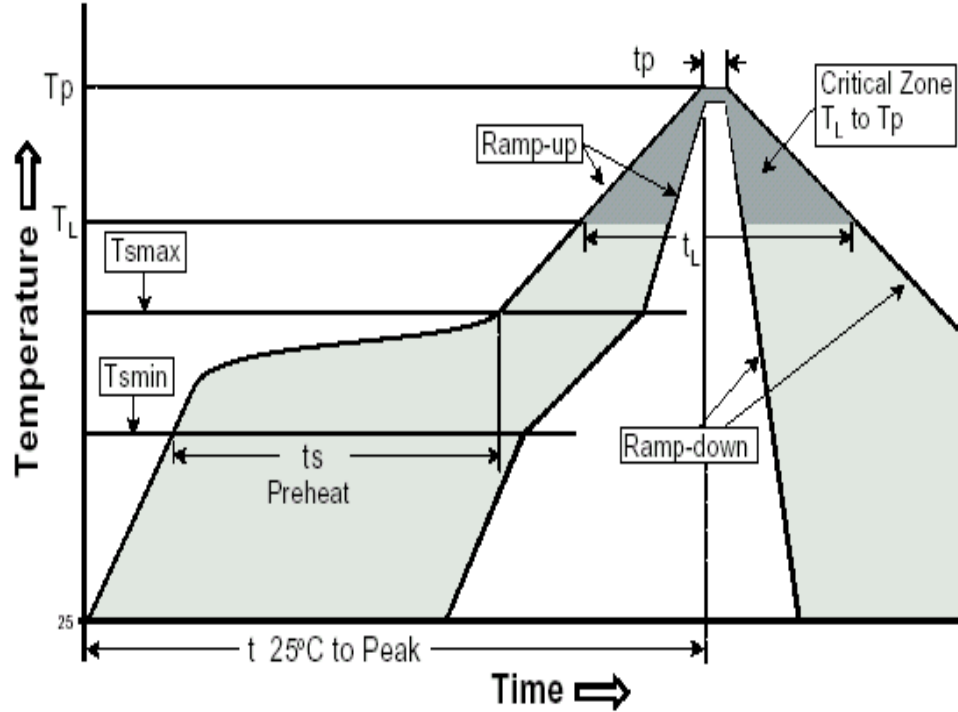
Ref:BOM-Q13

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# RoHS compliant type

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

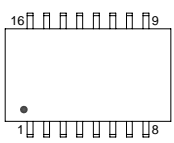


Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate ( $T_{s_{max}}$ to $T_p$ )	3°C /second max.
<b>Preheat</b> -Temperature Min ( $T_{s_{min}}$ ) -Temperature Max ( $T_{s_{max}}$ ) -Time ( $t_{s_{min}}$ to $t_{s_{max}}$ )	150°C 200°C 60-180 seconds
<b>Time maintained above:</b> -Temperature ( $T_L$ ) -Time ( $t_i$ )	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.

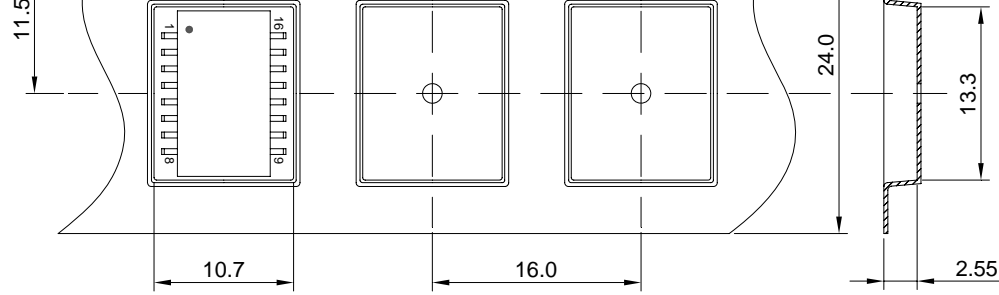


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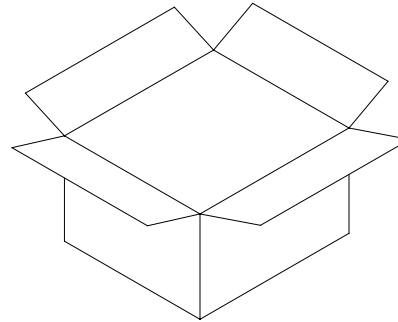
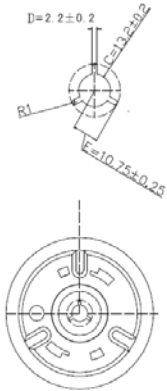
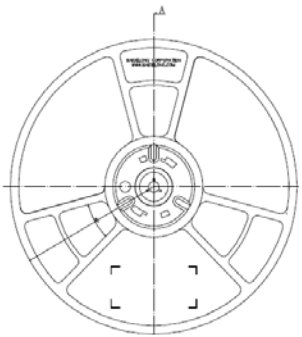
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Mechanicals



Tape & Reel



Outer carton: 365x365x350mm



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