

## MODEL NO. : RJ-SMT-007NA2

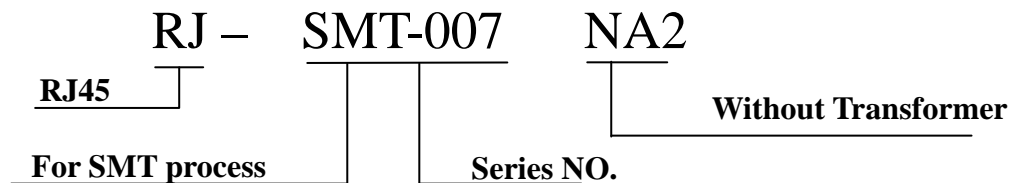
### Features:

- ⊙ RoHS Compliant
- ⊙ Do not use material and use that the prohibition that SS-00259 stipulates
- ⊙ Meets IEEE802.3 Baseline Wander Compensation specification
- ⊙ Operating Temp Range : -30°C To +85°C
- ⊙ VOLTAGE RATING: 150VAC max.
- ⊙ CURRENT RATING: 1.5A max.
- ⊙ Dielectric Voltage : 1000 V RMS 60Hz 1minute
- ⊙ Insulation Resistance : 30 milliohms max. initial
- ⊙ Design for 100BASE-TX Transmission over UTP-5 cable.
- ⊙ Retention Force Of Plug In The Jack Is 10Kgf(min.)

### Materials:

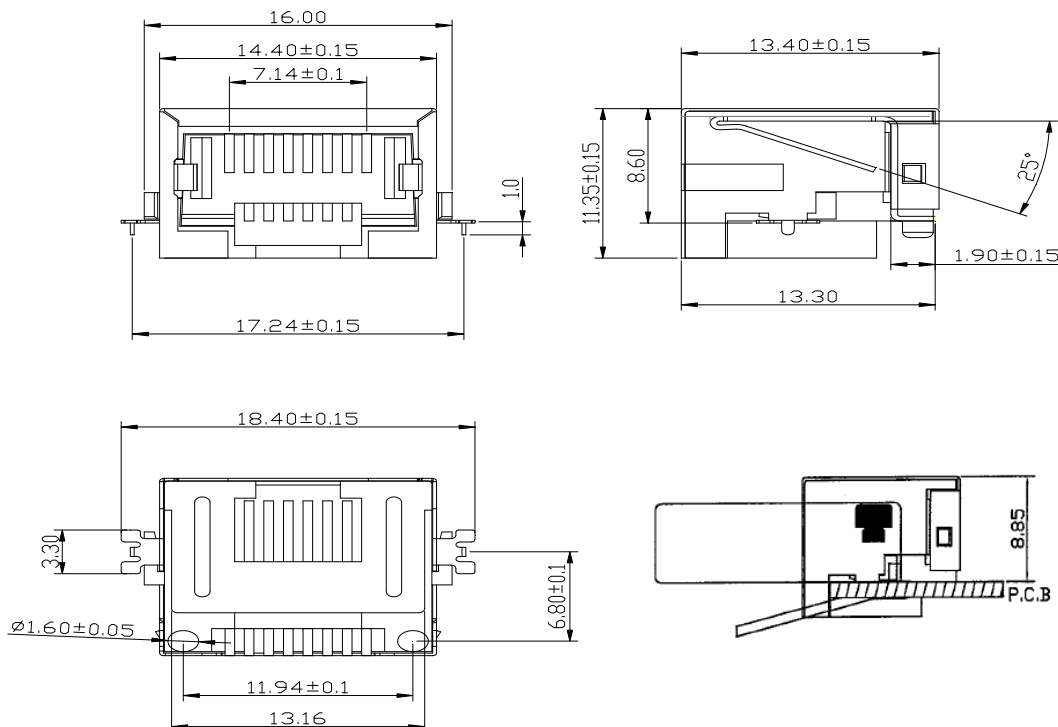
- ⊙ Plastic Housing : Thermoplastic, LCP, Black UL 94V-0
- ⊙ Contacts: Selective Gold plating
- ⊙ Plating ( 15 μ" ): Gold Plating Over Nickel in Contact, Tin Plating Over Nickel in Solder Area.
- ⊙ Shield: 0.20mm Thickness C2680 Alloy With Au and Nickel Plated

### Ordering Information

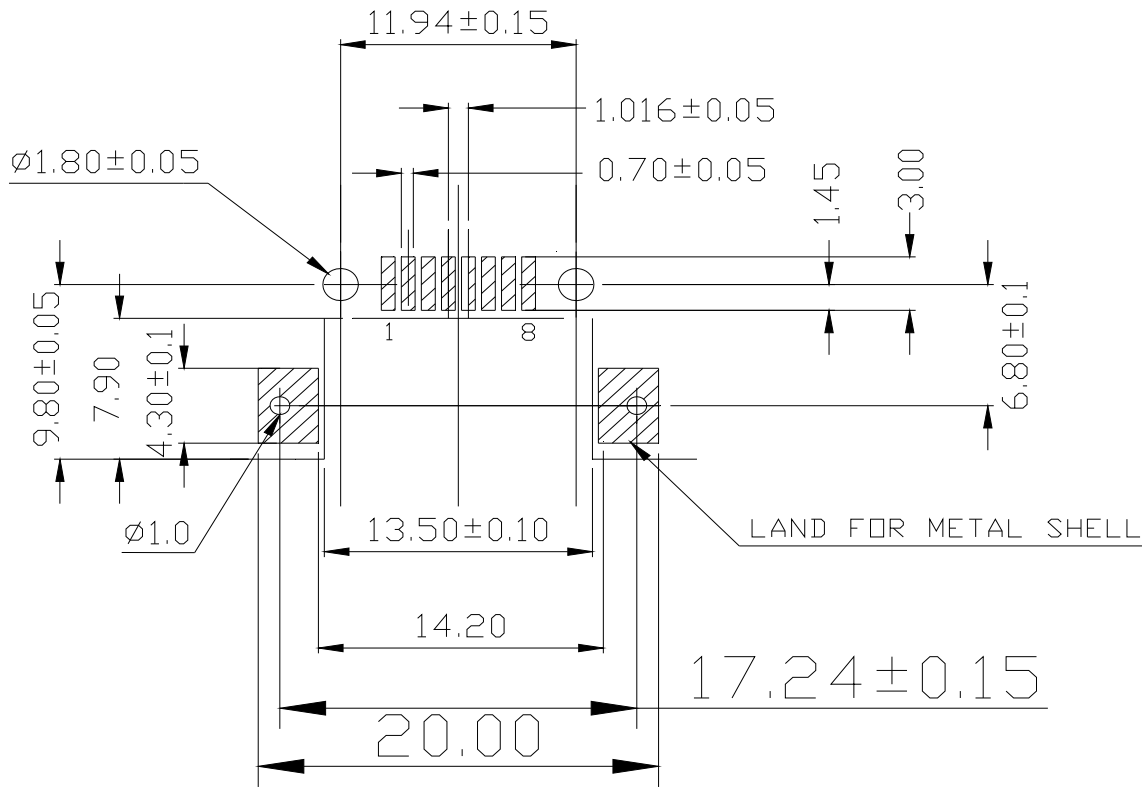


**Dimension: mm**

**TOLERANCE:±0.15**

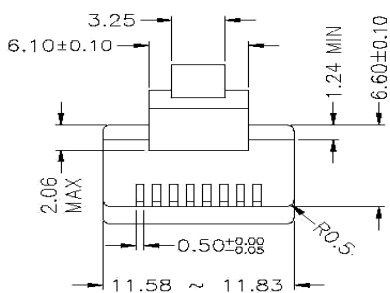


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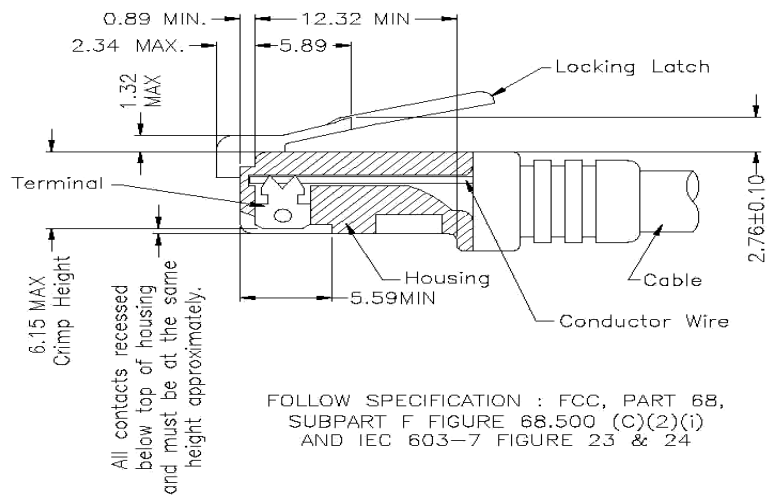


PCB LAYOUT

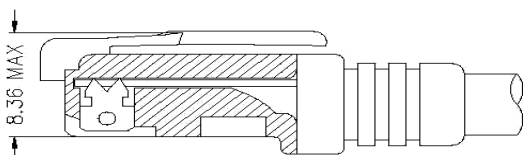
### RJ PLUG SPECIFICATION :



- \* There must be no damage to housing or locking latch. There must be no nicks or cuts in cable.
- \* Durability : 750 cycles generally



FOLLOW SPECIFICATION : FCC, PART 68,  
SUBPART F FIGURE 68.500 (C)(2)(i)  
AND IEC 603-7 FIGURE 23 & 24



STANDARD MODULAR PLUG ASSEMBLY

FOLLOW SPECIFICATION : FCC, PART 68, SUBPART F  
FIGURE 68.500 (C)(2)(ii)

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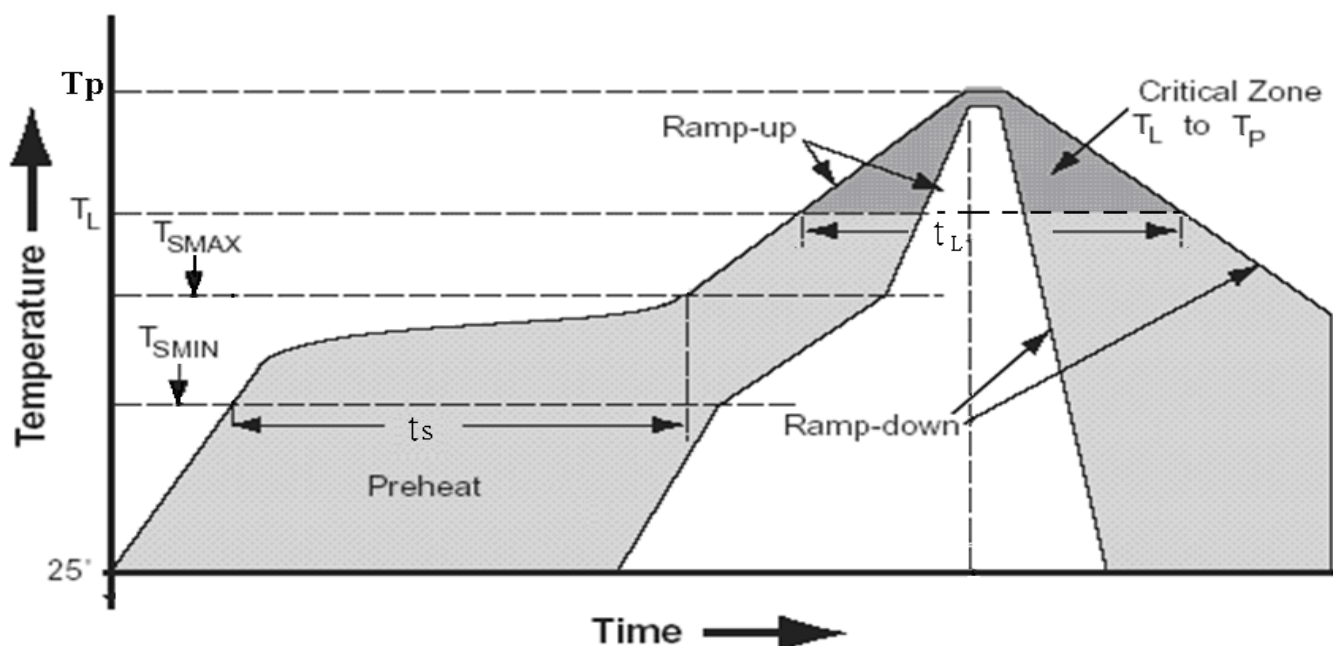
Solder Reflow profile for Lead-Free packages.

### Package Peak Reflow Temperatures

Classification Reflow Profiles

Profile Feature	Lead-Free Assembly	
Average ramp-up rate( $T_L$ to $T_P$ )	3°C / Second Max.	
Preheat		
Temperature Min.( $T_s$ min.)	150 °C	
Temperature Max.( $T_s$ max.)	200 °C	
Time (min to max) ( $t_s$ )	60-180 sec	
$T_s$ max. to $T_L$ Ramp-up Rate	3°C / Second Max.	
Time maintained above Temperature ( $T_L$ ) Time ( $t_L$ )	217 °C 60-150 sec	
Peak Tempature ( $T_p$ )	260 +0 / -5 °C	250 +0 / -5 °C
Time within 5 °C of actual peak Temp.	3 to 5 Sec	20 to 40 Sec
Ramp-down	6°C / Second Max.	
Time 25 °C to Peak Temperature	8 minutees Max.	

### Profile



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### PACKING :

1. Unit weight : 2.5 grams
2. Tape & Reel : 180pcs / Reel , 900pcs / Carton
3. Dry Pack : 1pcs

Product Description:(5g Silica Gel Desiccant)

PH: 4-8

4. Reel Packed By Vacuum
5. Seal Per Jedec

