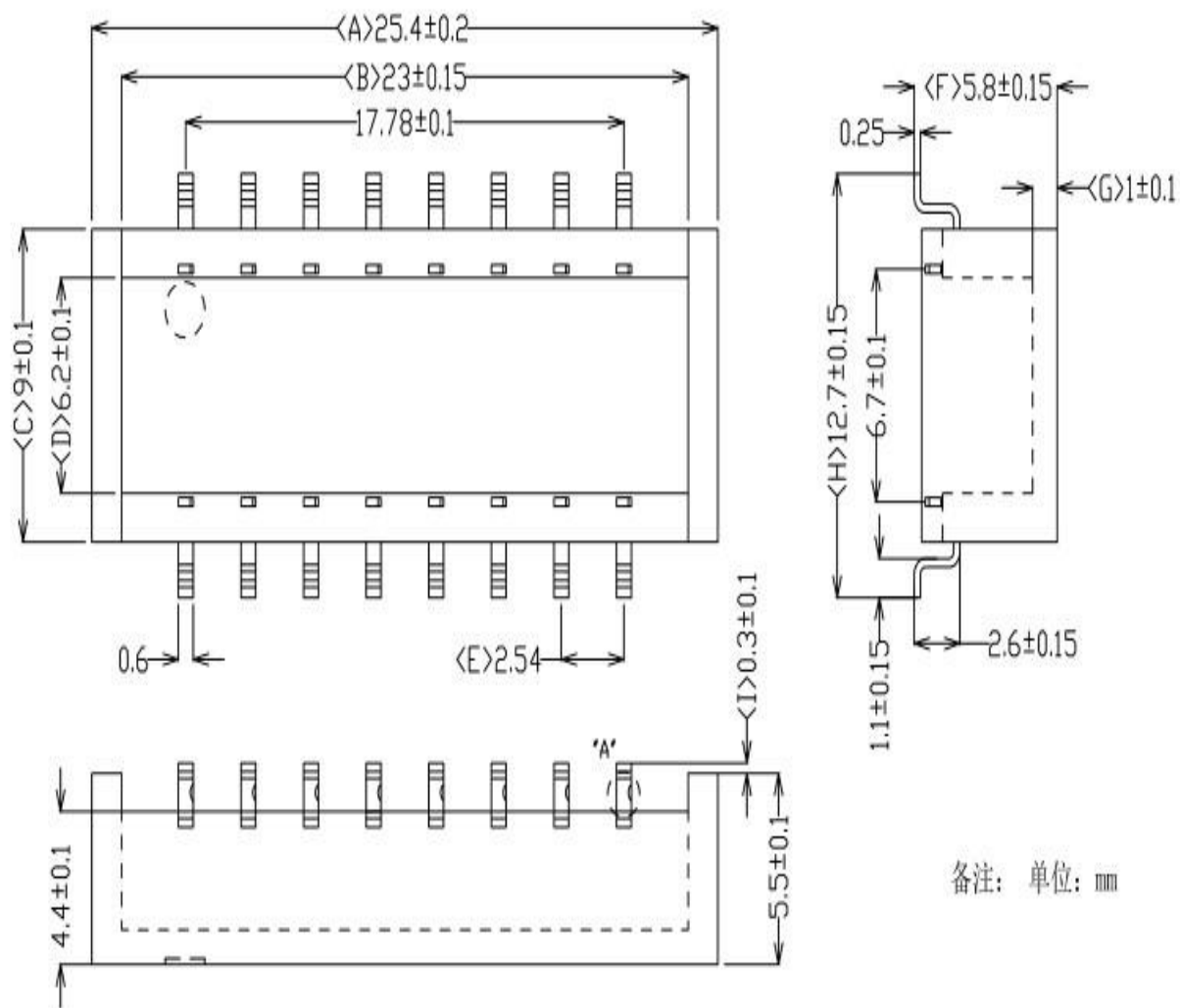


### Features:

Notice : This is a RoHS compliant component, All engineering changes must have prior approval by the design ce  
PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER  
SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STI  
OPERATING TEMPERATURE: 0°C ~ +70°C  
STORAGE TEMPERATURE: -40°C ~ +85°C

### Dimension



## Specifications

| Electrical Specification@25° C Operating Temperature 0 to +70° C |                |         |                                         |                                     |              |                 |           |
|------------------------------------------------------------------|----------------|---------|-----------------------------------------|-------------------------------------|--------------|-----------------|-----------|
| Part NO                                                          | Trun Ratio(±2% |         | OCL<br>primary@10<br>0KHz<br>0.1Vms 8mA | Leakage<br>primary@10K<br>Hz 0.1Vms | Cww(Pri:Sec) | DCR( $\Omega$ ) |           |
|                                                                  | TX             | RX      |                                         |                                     |              | Primary         | Secondary |
| H81611S                                                          | 1CT:1CT        | 1CT:1CT | 350uH Min                               | 0.5uH max                           | 100pF Typ    | 1.0Max          | 1.0Max    |

| Electrical Specification@25° C Operating Temperature 0 to +70° C |                                    |                        |     |     |     |                    |        |                         |                                |
|------------------------------------------------------------------|------------------------------------|------------------------|-----|-----|-----|--------------------|--------|-------------------------|--------------------------------|
| Part NO                                                          | Insertion loss(dB<br>max) 1-100MHz | Return Loss(db min)MHz |     |     |     | CMRR(dB<br>min)MHz |        | Crosstalk(dB<br>min)MHz | Isolation Voltage(Vrms<br>min) |
|                                                                  |                                    | 1-30                   | 40  | 50  | 60- | 1-60               | 60-100 |                         |                                |
| H81611S                                                          | -1.0                               | -20                    | -18 | -16 | -14 | -45                | -38    | -50                     | 1500                           |

## Schematic

