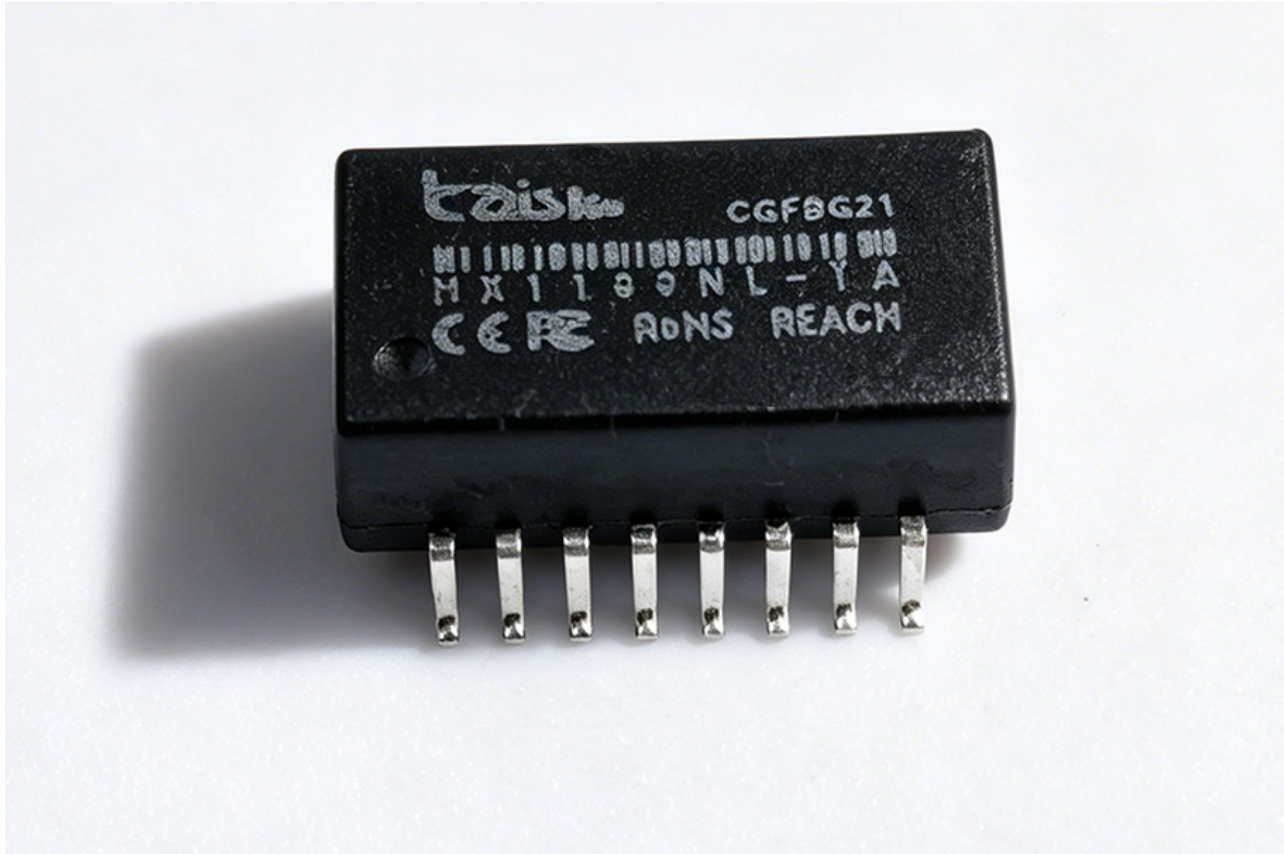


# H-series



## ■ Features

Meets IEEE 802.3 and ANSI X3.263 standards .RoHS Compliant  
 10/100 Base-T,Surface Mount Type,Open Header  
 Cable interface for isolation and low common mode emissions.  
 Reflow soldering temperature: peak temperature  $\leq 250^{\circ}\text{C}$  (10s)  
 Reflow soldering frequency: It is recommended not to exceed 3 times  
 Storage temperature range:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$   
 Operating temperature range:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

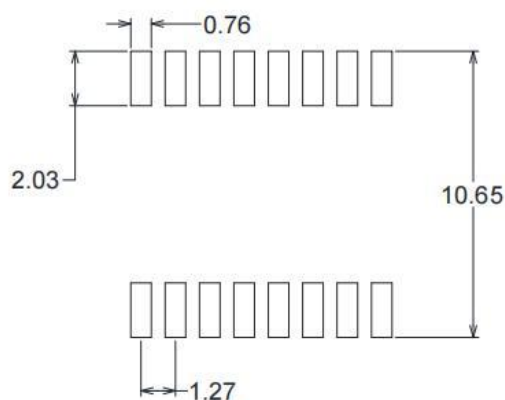
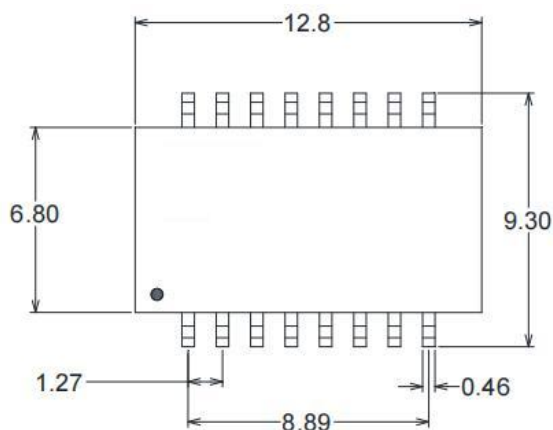
## ■ ROHS REACH marking

## ■ CE FCC marking

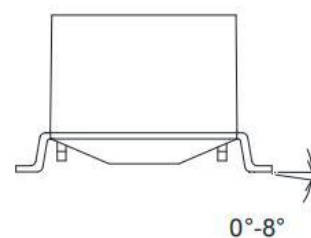
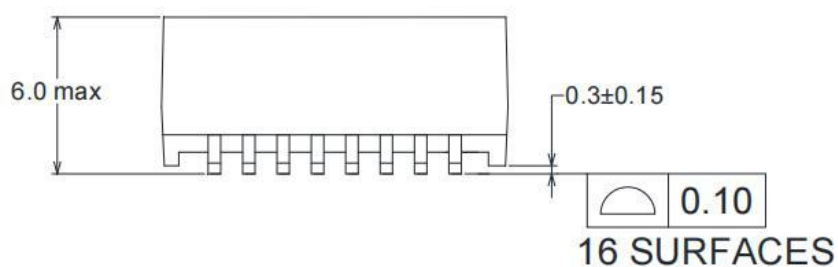
## 2 Specifications

| Part No     | OCL(uH min)<br>@100KHz/0.1Vrms,8mA     | Turns Ratio(3%)          |       | DCR ( $\Omega$ ) Max | Cww(Pri:Sec)<br>pF Typ |        | Isolation<br>Voltage(AC Vrms 3S) |
|-------------|----------------------------------------|--------------------------|-------|----------------------|------------------------|--------|----------------------------------|
| HX1188NL-TA | 350UH                                  | 1:1                      |       | 0.9/1.2              | 35                     |        | 1500V                            |
| Part No     | Insertion loss<br>(dB MAX)<br>1-100MHz | Return Loss(dB Min ) MHz |       |                      | DMRR(dB min)MHz        |        | Crosstalk(dB min)MHz             |
|             |                                        | 1-30                     | 40~60 | 60~100               | 1-60                   | 60~100 | 1~100                            |
| HX1188NL-TA | -1.2                                   | -18                      | -16   | -14                  | -40                    | -30    | -35                              |

## 3 Mechanical

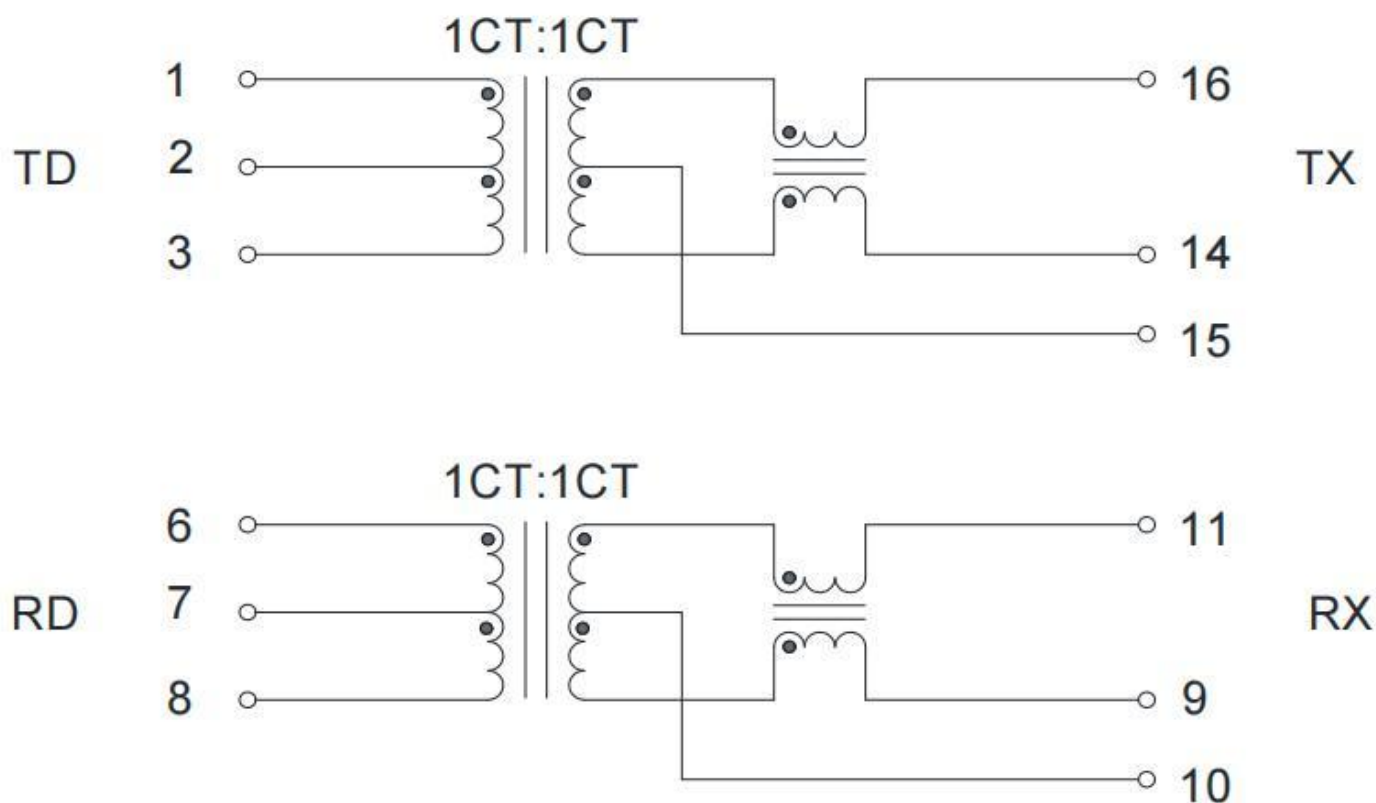


SUGGESTED PAD LAYOUT

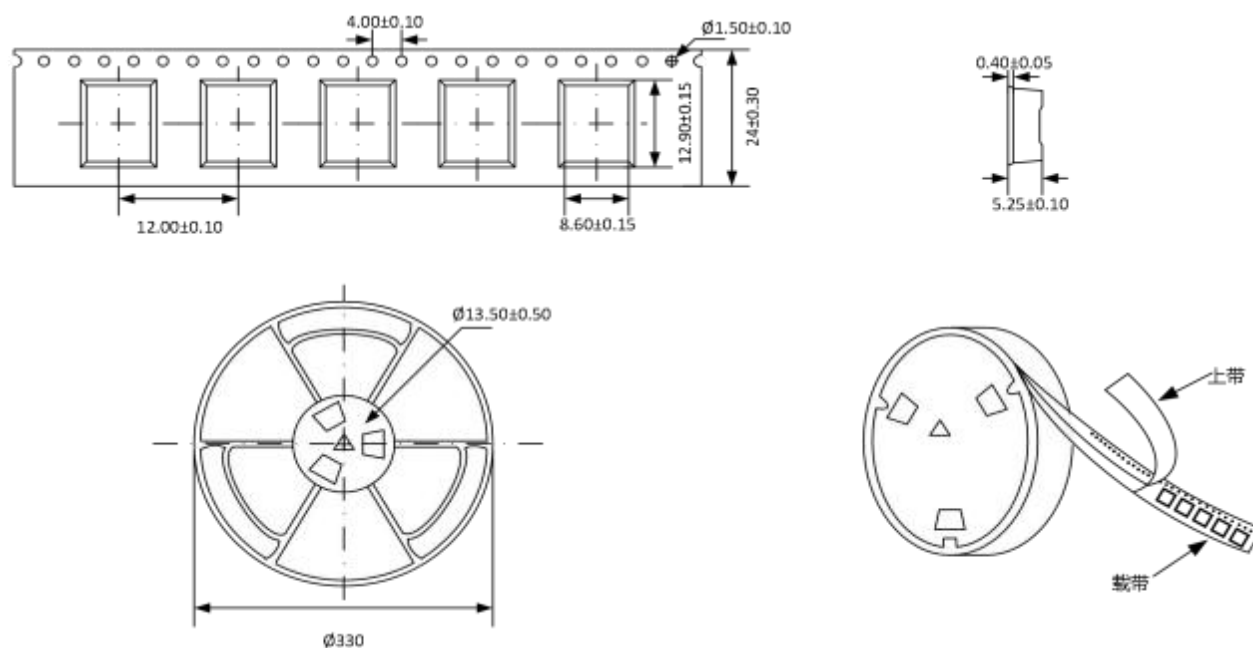


※unit: mm

## 4 Schematic



## 5 packing



※unit: mm

※ Packaging quantity : 600pcs/roll 4800pcs/box

※ Outer box size: \* L \* \* W \* \* H