

Medical  
electric  
equipmentPower  
Factor  
CorrectionWorld  
wideSafety  
Approvals

EMI

Inrush  
current  
limiting

OCP

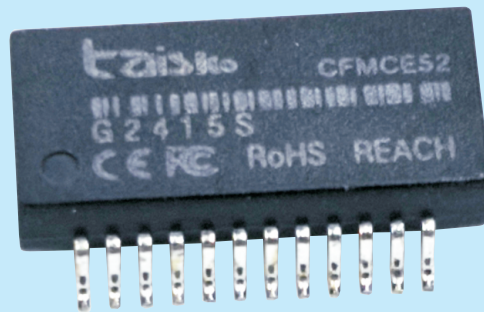


OVP

Remote  
ON/OFFParallel  
Operation

1U

# G-series



## ■ Feature

Meets IEEE 802.3 and ANSIX3.263 standards .RoHS Compliant  
 10/100/1000 Base-T, Surface Mount Type, Open Header  
 Cable interface for isolation and low common mode emissions.  
 Reflow soldering temperature: peak temperature  $\leq 250\text{ }^{\circ}\text{C}$  (10s)  
 Reflow soldering frequency: It is recommended not to exceed 3 times  
 Storage temperature range:  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$   
 Operating temperature range:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

## ■ ROHS REACH marking

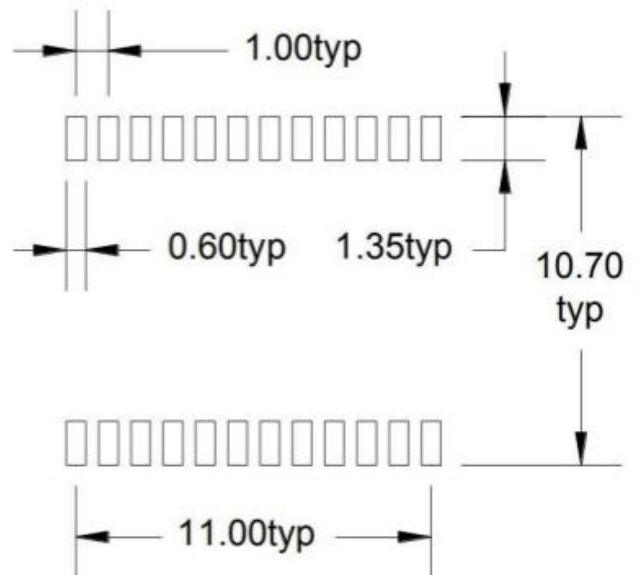
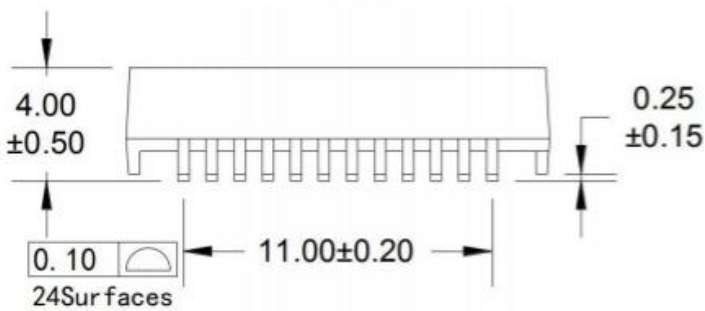
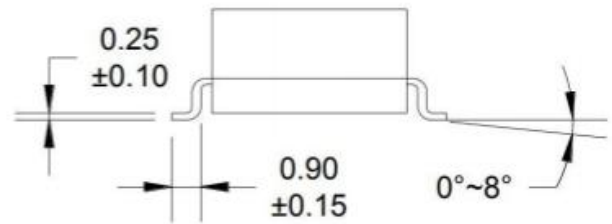
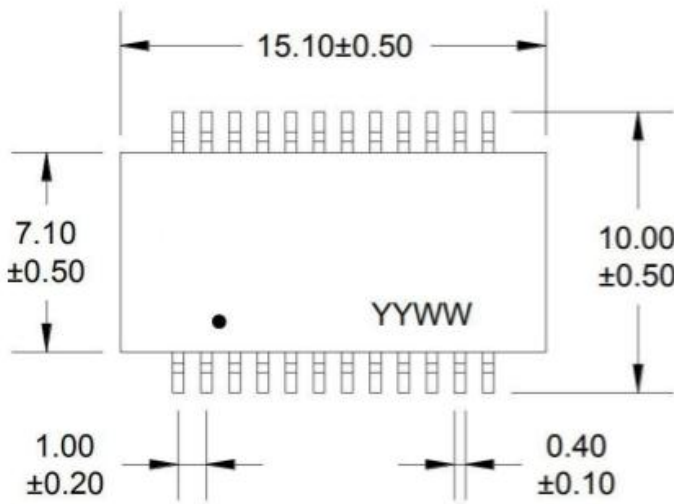
## ■ CE FCC marking



## 2 Specifications

| Part No | OCL(uH min)<br>@100KHz/0.1Vrms<br>8MA DC BIAS | Turns<br>Ratio(3%)     | Leakage<br>primary@10KHz<br>0.1Vrms | DCR ( $\Omega$ ) Max | Cww(Pri:Sec)<br>pF Typ | Isolation<br>Voltage(AC Vrms 1S) |                      |
|---------|---|------------------------|-------------------------------------|----------------------|------------------------|----------------------------------|----------------------|
| G2415S  | 350UH   | 1:1                    | 0.5uH max                           | 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                |
| G2415S  | -1.2  | -18                    | -16                                 | -14                  | -40                    | -30                              | -35                  |

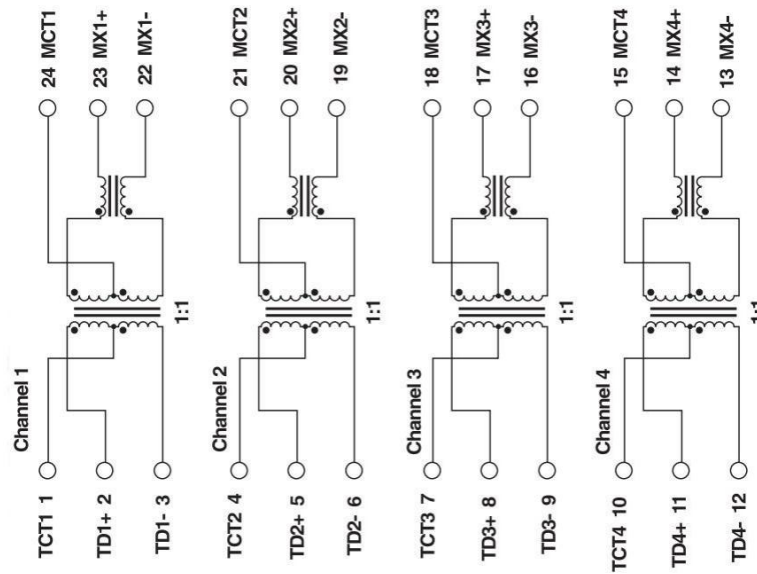
## 3 Mechanical



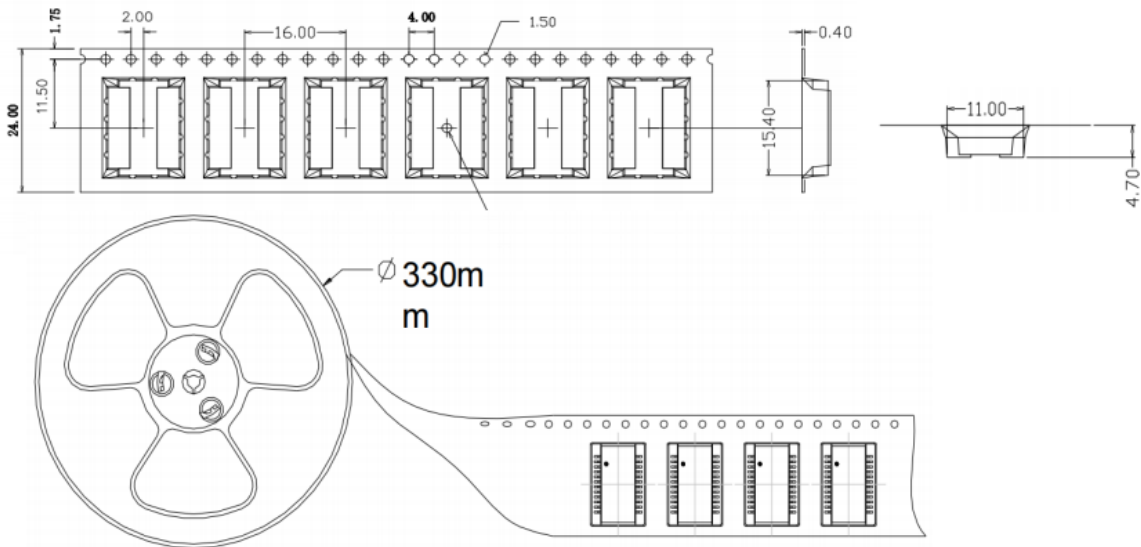
Suggested PAD Layout

※unit: mm

### 4 Schematic



### 5 packing



- ※unit: mm
- ※ Packaging quantity : \* 800pcs/roll \* 6400pcs/box
- ※ Outer box size: \* L \* \* W \* \* H